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# SURGICAL TECHNOLOGIST

OFFICIAL JOURNAL OF THE ASSOCIATION OF SURGICAL TECHNOLOGISTS, INC.

Robot-Assisted Thoracic  
Surgery in Non-small Cell  
Lung Cancer

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## Robot-Assisted Thoracic Surgery in Non-small Cell Lung Cancer

*JUN HEE LEE, M.D., JEONG IN HONG, M.D., HYUN KOO KIM, M.D., PH.D.*

Lobectomy is the standard treatment for early non-small cell lung cancer. Various surgical techniques for lobectomy have been developed, and minimally invasive thoracic surgery, such as video-assisted thoracic surgery or robot-assisted thoracic surgery, has been considered as an alternative to conventional open thoracotomy. In this article, the surgical techniques and optimal performance of robotic lobectomy are described in detail for all 5 types of lobectomy for surgeons beginning with robotic lobectomy.

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# Seasons of Change

PEGGY VARNADO, CST, CSFA, FAST, AST VICE PRESIDENT

## BOARD MESSAGE

As I sit here after an unprecedented snow event that happened in south Louisiana, watching the snow melting off my roof, first forming icicles, and now puddles, I can't help but think about change. We have seen many changes over the past few years. Change is inevitable, it's the one thing you can always count on. Sometimes it's change for good, sometimes it's change for bad, but things never stay the same.

For many of us in the surgical technology profession, we have seen numerous changes happen. For me, when I started in this profession, there was this new technology called laparoscopy that was the wave of the future. Fast forward a few years, and now laparoscopy is old news and it's all about robotics, and doing the most to make procedures as minimally invasive as possible.

Not only does change affect surgical procedures, but it has also affected the way we perform our role as surgical technologists and surgical first assistants. And for this reason, it is very important that we keep up with our continuing education, whether it is through in-services that are given at our places of employment, through articles we read, through going to state assembly workshops and conferences, and keeping up with AST Guidelines for Best Practice that have been written for surgical technology.

Over the past year, in addition to our national conferences, I have had the privilege to attend several state assembly workshops across the country. At each one I was able to listen to some fantastic speakers, whether it be surgeons or fellow CSTs presenting to us. More importantly though, I have learned something new at each one. Our state assembly leaders work hard to make sure each workshop presented has quality, informative, and entertaining presentations. If you have never been to a workshop, check

out the upcoming programs at the back of the journal. You may just learn something new, as well as get to know other surgical technologists from your state!

One of the responsibilities of AST's Education and Professional Standards Committee (ESPC) is to review our current guidelines for best practice and write and submit new ones to the AST board for approval. This year the committee is in the process of reviewing and updating our current guidelines and have already submitted several to the board for review and approval. This is very important, and exciting, because as you all know, we are the authority on aseptic and sterile technique, and should be looked at as that authority in the operating room. When we have professional guidelines to back us up, that makes our position and profession so much stronger, and others will begin to recognize us as professional partners.

In just a few short months you will be able to be a part of change in our organization. You will find in this issue of the journal the slate of declared candidates for the national board of directors. This year we will be voting on President, Vice President, and Treasurer, along with three Directors. I encourage each of you to read the candidate statements, get to know the candidates, talk to them, ask your questions, and make educated, informed decisions. If you are not an elected delegate, you still have a voice, share your opinions with your delegates – they are representatives of you. Please remember, each of one the candidates are volunteers for these positions they are elected to. They are members just like you, and everyone wants what is best for the organization: to keep it strong and successful for future generations. It is an exciting time to be a member of AST, and I am excited to see where the future takes us!





# AST News

## AT A GLANCE

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### MILESTONES

#### Happy Anniversary!

Congratulations to the following state assemblies as they celebrate anniversaries this month! AST appreciates your hard work, dedication and all your years of service for making our state assemblies the backbone of this organization.

- Connecticut – 25 years
- Montana – 21 years
- North Dakota – 10 years



# Robot-Assisted Thoracic Surgery in Non-small Cell Lung Cancer

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Lobectomy is the standard treatment for early non-small cell lung cancer. Various surgical techniques for lobectomy have been developed, and minimally invasive thoracic surgery, such as video-assisted thoracic surgery or robot-assisted thoracic surgery, has been considered as an alternative to conventional open thoracotomy. The recently robotic lobectomy technique has developed since the first case series was published in 2002. Several studies have reported that robotic lobectomy has comparable oncologic and perioperative outcomes to those of video-assisted thoracic surgery lobectomy and open lobectomy. However, robotic lobectomy remains a challenge for surgeons because of the steep learning curve, reduced tactile sensation, difficulty in port placement, and challenges in cooperation between the surgeon and assistant. Many studies have reported on robotic lobectomy, but few have presented surgical techniques for robotic lobectomy. In this article, the surgical techniques and optimal performance of robotic lobectomy are described in detail for all 5 types of lobectomy for surgeons beginning with robotic lobectomy.

**Keywords:** Robot assisted thoracic surgery, Robotic lobectomy, Lobectomy, Non-small cell lung cancer

## Introduction

Lobectomy, which involves the anatomical resection of an entire lobe of the lung, is the standard treatment for early non-small cell lung cancer (NSCLC). Traditionally, it was performed via an open thoracotomy approach, which is associated with severe postoperative pain and a large wound. Minimally invasive thoracic surgery lobectomy, including video-assisted thoracic surgery (VATS) and robotic lobectomy, has been considered an appropriate approach and is associated with low perioperative morbidity, less pain, shorter hospitalization, and equivalent oncologic outcomes compared with open thoracotomy [1-5].

Since the first report of VATS lobectomy in the early 1990s [6], it has become a popular surgical approach [7-9]. However, several disadvantages of VATS lobectomy, such as the lack of flexibility, difficulty of hand-eye coordination, and limitations of 2-dimensional imaging, led to the development of robotic lobectomy as a novel technique [10]. Robotic lobectomy, which is performed with a robotic surgical system, offers improved 3-dimensional imaging, hand-eye coordination, freedom of movement, and tremor

filtration, allowing safe surgical procedures [11,12].

Since the first case series on robotic lobectomy, reported in 2002 [13], it has gradually developed with technological innovations of robotic systems. The introduction of a robotic stapler (EndoWrist Stapler; Intuitive Surgical Inc., Sunnyvale, CA, USA) in the da Vinci Xi has made it possible for total robotic lobectomy to be directly controlled by surgeons, and may reduce the operative time [12,14,15].

Several studies have reported the advantages of robotic lobectomy, which is associated with a significant reduction in the length of hospitalization, chest tube drainage duration, postoperative complications, and mortality when compared with the open thoracotomy approach [2,16-19]. Two studies using propensity score matching for the outcomes of open, VATS, and robotic lobectomy demonstrated no significant differences in morbidity and oncologic outcomes [20,21].

In recent years, robotic lobectomy has been indicated for more challenging cases owing to its superior maneuverability. Qiu et al. [22] reported a successful case of robotic double-sleeve lobectomy and demonstrated its ability to be used for bronchoplasty and angioplasty. Wilson et al. [23]

reported the prevalence of nodal upstaging during robotic lobectomy in early NSCLC; therefore, robotic mediastinal lymph node dissection (MLND) may be useful in patients with locally advanced N2 NSCLC due to improved dexterity and visualization.

However, robotic lobectomy remains a challenge because of its steep learning curve, reduced tactile sensation, difficulty in port placement, and challenges in cooperation between the surgeon and assistant. Robotic lobectomy techniques have many variations in terms of the number of incisions, number of robotic arms used, use of a utility incision, site location for port placement, and use of CO<sub>2</sub> insufflation. These variations add to the difficulty of the procedure.

In this article, the surgical techniques and optimal performance of robot lobectomy are described in detail for all 5 types of lobectomy for surgeons beginning to perform robotic lobectomy, along with useful tips on how to overcome procedure-related problems.

## Indications and contraindications of robotic surgery

The indications for robotic lobectomy are similar to those for conventional lobectomy, although they may be more extensive than those of VATS and open lobectomy. Robotic lobectomy may be indicated in patients with marginal pulmonary function and locally advanced cancer [24,25]. Generally, some conditions such as dense adhesions, bronchial invasion, chest wall invasion, hilar nodal invasion, preoperative radiotherapy, prior thoracic surgery, and hilar nodal invasion are no longer regarded as absolute contraindications; instead, they are considered relative contraindication [4,26]. In our opinion, robotic lobectomy by an experienced surgeon is feasible in these patients.

## Learning curve of robotic surgery

Although defining the learning curve is difficult, several

studies have estimated the learning curve for a robotic lobectomy to be 18–32 cases (Table 1). According to some studies, at least 20 cases are required for surgical competence [18,27,28]. Arnold et al. [29] reported a learning curve of 22 cases, while Song et al. [30] reported it as 32 cases for the surgeon and 20 cases for the bedside assistant.

Few studies have compared the learning curves of robotic lobectomy and VATS lobectomy. Jang et al. [31] reported the outcomes of their experiences of performing robotic lobectomy with VATS lobectomy. They compared the outcomes of their early experience of robotic lobectomy (n=40) with the outcomes of initial (n=40) and recent VATS lobectomy (n=40). The complication rates (10% versus 32.5%, p=0.027), intraoperative bleeding (219 mL versus 374 mL, p=0.017), and the median length of postoperative stay (6 days versus 9 days, p<0.001) was significantly lower in the robotic lobectomy group than in the initial VATS group.

In the future, robotic surgery training programs consisting of simulated skills training, dry lab-based learning, and video articles can help shorten this learning curve.

## Operative technique

### General considerations

A double-lumen tube is placed for one-lung ventilation, and the patient is positioned in the lateral decubitus position. The operating table is flexed to widen the intercostal space (ICS) and to move the hip down. If possible, the patients are placed in the reverse Trendelenburg position. Port mapping is performed according to the use of the utility incision, the location of the lobe to be resected, and the number of ports required. After an appropriate incision, the robotic trocar and working port are placed. In patients with a narrow thoracic cavity or short stature, a single port with multi-instrument access (Lapsingle; Sejong Medical, Paju, Korea) is used at our center with CO<sub>2</sub> insufflation (maximum 6–10 mm Hg), which facilitates lung collapse and caudal shift of the diaphragm.

**Table 1.** The learning curve in robotic lobectomy

Study	Year	Surgical technique	Total no. of patients who underwent robotic lobectomy	No. of operations required to achieve surgical competence
Melfi et al. [27]	2008	4 ports, 4 arms	107	20
Gharagozloo et al. [28]	2009	3 ports, 3 arms	100	20
Veronesi et al. [18]	2010	4 ports, 4 arms	54	20
Arnold et al. [29]	2019	5 ports, 4 arms	101	22
Song et al. [30]	2019	4 ports, 3 arms	208	32 (for surgeon) 20 (for assistant)



Before robot docking, a careful thoracoscopic examination is required to identify the pleural adhesion, pleural effusions, and other metastases. We routinely place the vessel loop and rolled-up gauze in the fissure before the introduction of instrument arms to save time (Fig. 1A). The use of a vessel loop for retraction of the vessel branches and bronchus facilitates stapling and prevents vascular injury (Fig. 1B). The placement of rolled-up gauze between the robot wrist and the structure that needs to be retracted facilitates dissection without the fourth robotic arm or the assistant at the bedside, especially for the hilar and nodal tissues (Fig. 1C).

The robotic endoscope is always installed centrally, and other devices are installed depending on the surgeon's preference. A Cadiere grasper is installed on the left, and a Maryland bipolar forceps is installed on the right. Most vessels, as well as the bronchi, are divided with the robotic stapler (EndoWrist Stapler; Intuitive Surgical Inc., Sunnyvale, CA, USA) in the da Vinci Xi surgical system, and small vessel branches can be ligated with robotic Hem-o-Lok clips.

Robotic MLND is routinely performed in all patients. Complete dissection of the hilar lymph nodes is a key point in robotic lobectomy. It is always optimal to remove all nodal tissues around and among hilar structures, because doing so helps to identify the anatomy and removing these nodal tissues makes it easy to pass through the stapler. The cut end of the surgical glove is used as a retrieval bag, and the resected lymph nodes are retrieved at the cut end of the surgical glove to avoid contamination of the wound and thoracic cavity with cancer cells (Fig. 1D).

At the end of the procedure, the lung specimens are removed using a specimen bag through the utility incision. We routinely perform a paravertebral intercostal nerve block, which is an intrapleural administration of bupiva-

caine via the intrathoracic approach under endoscopic visualization. Before closing the wound incision, a 24F or 20F chest tube is inserted into the incision.

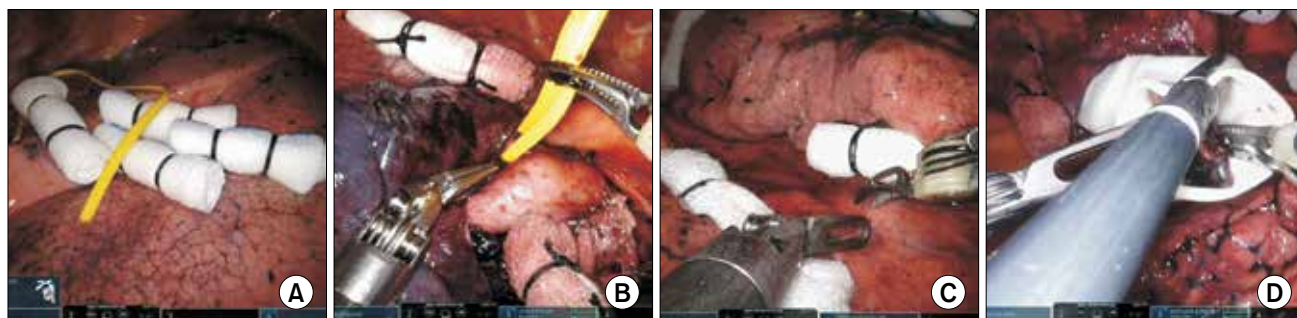
### Port mapping

Optimal port placement is a vitally important component of the success of robotic lobectomy, as it avoids compression injuries, allows free mobility of the robotic instruments, and facilitates safe surgery. Currently, robotic lobectomy is performed using 3–4 arms with 2–4 ports, with the exception that a few surgeons use the 5-port approach. When using a robotic stapler, creating a 12-mm port for the stapler as low as possible can facilitate robotic arm maneuverability, because the end effector of the robotic stapler is longer than the other robotic instruments [32].

### The 4-port approach

Veronesi et al. [18] and Pardolesi et al. [33] introduced 4-port robotic lobectomy, consisting of 3 trocar ports and 1 utility port. A 3- to 4-cm utility incision is made at the fifth ICS anterior to the latissimus dorsi. A 12-mm port incision (camera port) is made in the seventh ICS at the mid-axillary line for right-side lobectomy, while the incision site is 2 cm posterior for left-side lobectomy. An 8-mm port incision is made at the eighth ICS 8 cm posteriorly from the camera port, and the other 8-mm port incision is made in the auscultatory triangle [18,33].

Cerfolio et al. [34] introduced 4-port robotic lobectomy consisting of 3 ports and 1 assistant port. One 5-mm port incision (videoscope) is made at the sixth or seventh ICS along the midaxillary line, and another 5-mm port incision (robotic arm 3) is made at the seventh to eighth ICS, just anterior to the spinous process of the vertebral body. An 8-mm port (robotic arm 2) is made at the seventh to



**Fig. 1.** Tips for robotic lobectomy. (A) Placement of rolled-up gauze and a vessel loop on the fissure. (B) Pulmonary artery isolated with a vessel loop. (C) Surgical field with traction using rolled gauze. (D) The cut end of the surgical glove as a retrieval bag for the resected lymph nodes.

eighth ICS, 10 cm anterior to robotic arm 3. The camera port is made at the seventh to eighth ICS, 9 cm anterior to robotic arm 2. A 15-mm assistant port is made at the 2 or 3 lower ribs [34].

### The 3-port approach

A 3- to 4-cm utility incision is made at the seventh or eighth ICS along the mid-axillary line, a 12-mm port incision is made at the sixth or seventh ICS along the anterior axillary line, and the other 12-mm port incision is made at the eighth or ninth ICS along the scapular line, 8 cm apart from each other. A single port with multi-instrument access (Lapsingle; Sejong Medical) is installed through the utility incision. An 8-mm trocar for the robotic camera is inserted through the working port, and the assistant inserts his or her instruments through the other side of the working port (Fig. 2).

### The 2-port approach

A 3- to 4-cm utility incision (camera and arm port 2) is made at the seventh or eighth ICS, along the posterior axillary line, and a 12-mm port incision (arm port 1) is made at the sixth or seventh ICS along the anterior axillary line without an assistant port. A single port with multi-instrument access (Lapsingle; Sejong Medical) is installed through the utility incision. Two 8-mm trocars for the robotic camera and robotic arm 1 (for a Cadiere grasper or Maryland bipolar forceps) are inserted through the work-

ing port. The 12-mm trocars are inserted through another 12-mm port for robotic arm 2 (Cadiere grasper, Maryland bipolar forceps, or robotic EndoWrist staplers). The assistant inserts his or her instruments through the space between 2 trocars in the working port (Fig. 3)

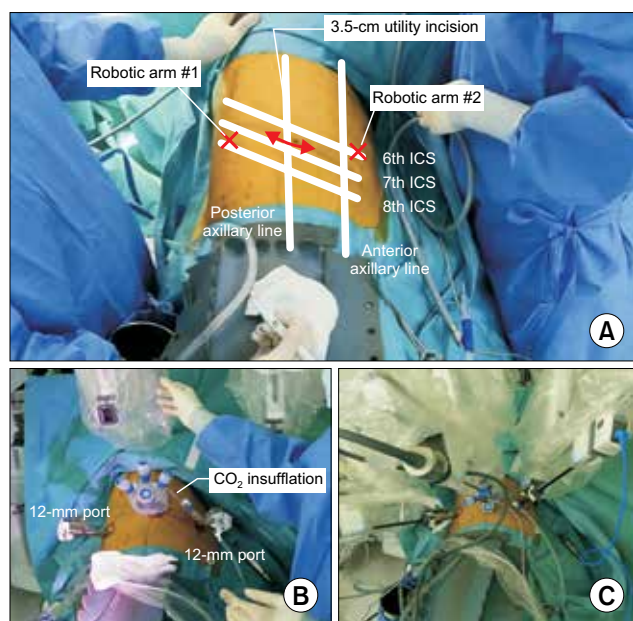
### The 5 types of lobectomy

Below are descriptions of how to perform each type of lobectomy.

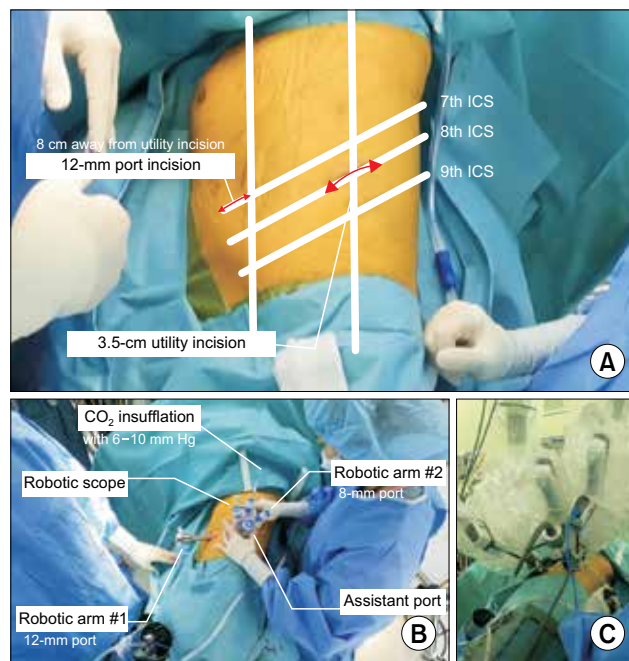
#### Right upper lobectomy

The dissection of the hilar structures should be performed individually, and lymphadenectomy should also be performed. The anatomical structures are carefully identified (especially in the posterior ascending artery). The surgical approach differs depending on the completeness of the pulmonary fissure.

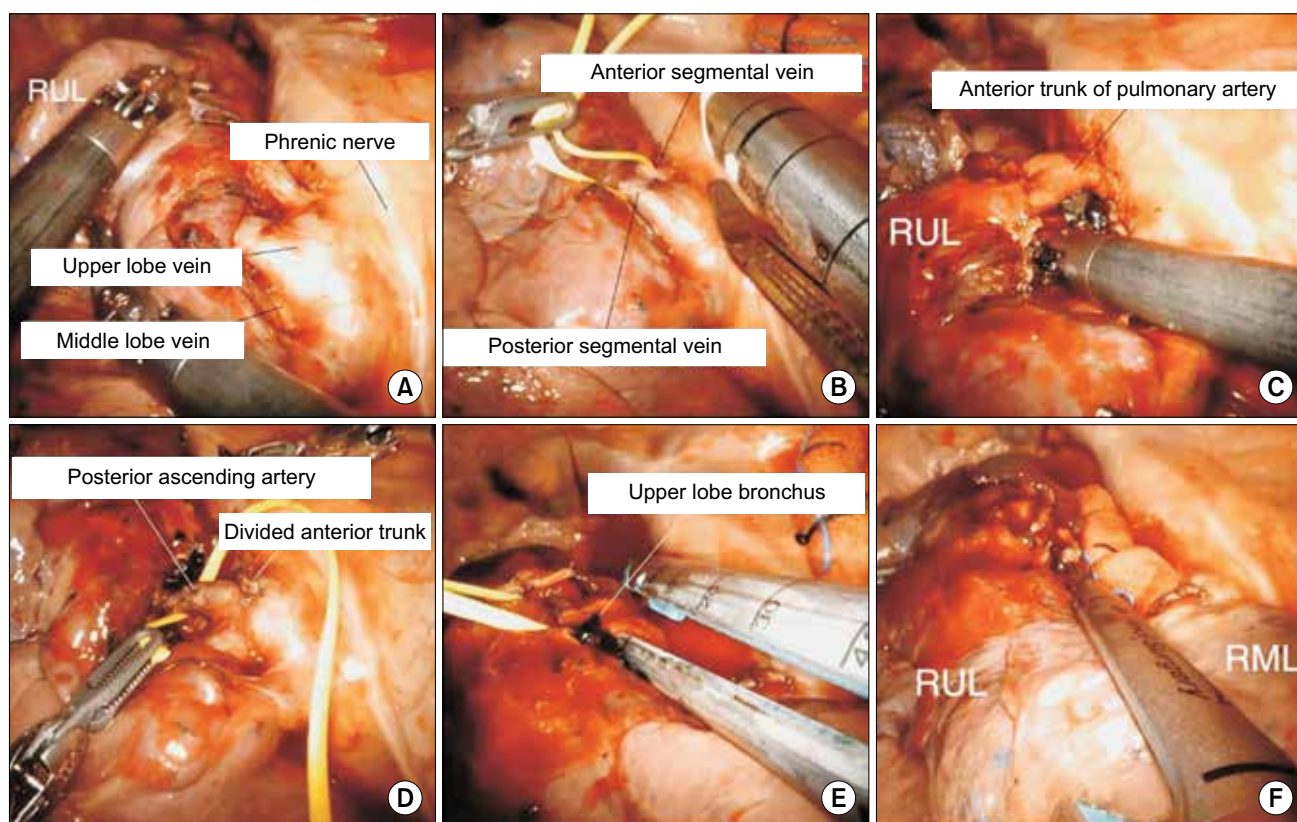
When the fissure is fused and not well developed, the hilar approach is preferred to dissect the mediastinal pleura over the anterior hilum. The sequence of dissection is anterior to posterior in a single direction, as shown in Fig. 4: (1) isolation and division of the right upper lobe (RUL) vein, (2) isolation and division of the anterior trunk of the pulmonary artery, (3) isolation and division of posterior ascending artery, (4) isolation and division of the RUL bron-



**Fig. 2.** (A–C) Photographs of port placement in the 3-port approach for robotic lobectomy. ICS, intercostal space.



**Fig. 3.** (A–C) Photographs of port placement in the 2-port approach for robotic lobectomy. ICS, intercostal space.



**Fig. 4.** Robotic right upper lobectomy for patients with a fused fissure. (A) Identification of the bifurcation between the middle lobe vein and upper lobe vein. (B) Division of the upper lobe vein. (C) Isolation of the anterior trunk of the pulmonary artery. (D) Isolation of the posterior ascending artery. (E) Division of the upper lobe bronchus. (F) Completion of the fissure. RUL, right upper lobe; RML, right middle lobe.

chus, and (5) completion of the fissure. The sequence of steps 1 and 2 can be changed.

#### Step 1: Isolation and division of the RUL vein

The RUL is retracted posteriorly to expose the upper hilar region and the anterior mediastinum, and the anterior mediastinum and anterior mediastinal pleura are opened to expose the upper lobe vein. Once the upper lobe vein is identified, dissection is continued until the bifurcation between the middle lobe vein and upper lobe vein is identified. The anterior segmental vein and posterior segmental vein are encircled with a vessel loop and divided with a robotic stapler.

#### Step 2: Isolation and division of the anterior trunk of the pulmonary artery

After division of the upper lobe vein, the hilum is carefully dissected to expose the pulmonary artery. The connective tissue and nodal tissue around the pulmonary artery are removed to expose the anterior trunk of the

pulmonary artery. The anterior trunk is isolated from the main pulmonary artery, and the grasper is passed behind the anterior trunk to ensure sufficient space for the stapler's passage. The anterior trunk of the pulmonary artery is encircled with a vessel loop and divided using a robotic stapler.

#### Step 3: Isolation and division of the posterior ascending artery

Division of the posterior ascending artery can be performed before or after division of the RUL bronchus. The posterior ascending artery is encircled with a vessel loop and divided with robotic stapler. When the posterior ascending artery is too small, robotic Hem-o-Lok clips can be used to ligate it.

#### Step 4: Isolation and division of the RUL bronchus

Complete dissection of the lymph nodes should be performed, which facilitates the passage of the stapler. The upper lobe is retracted anteriorly, and the posterior aspect



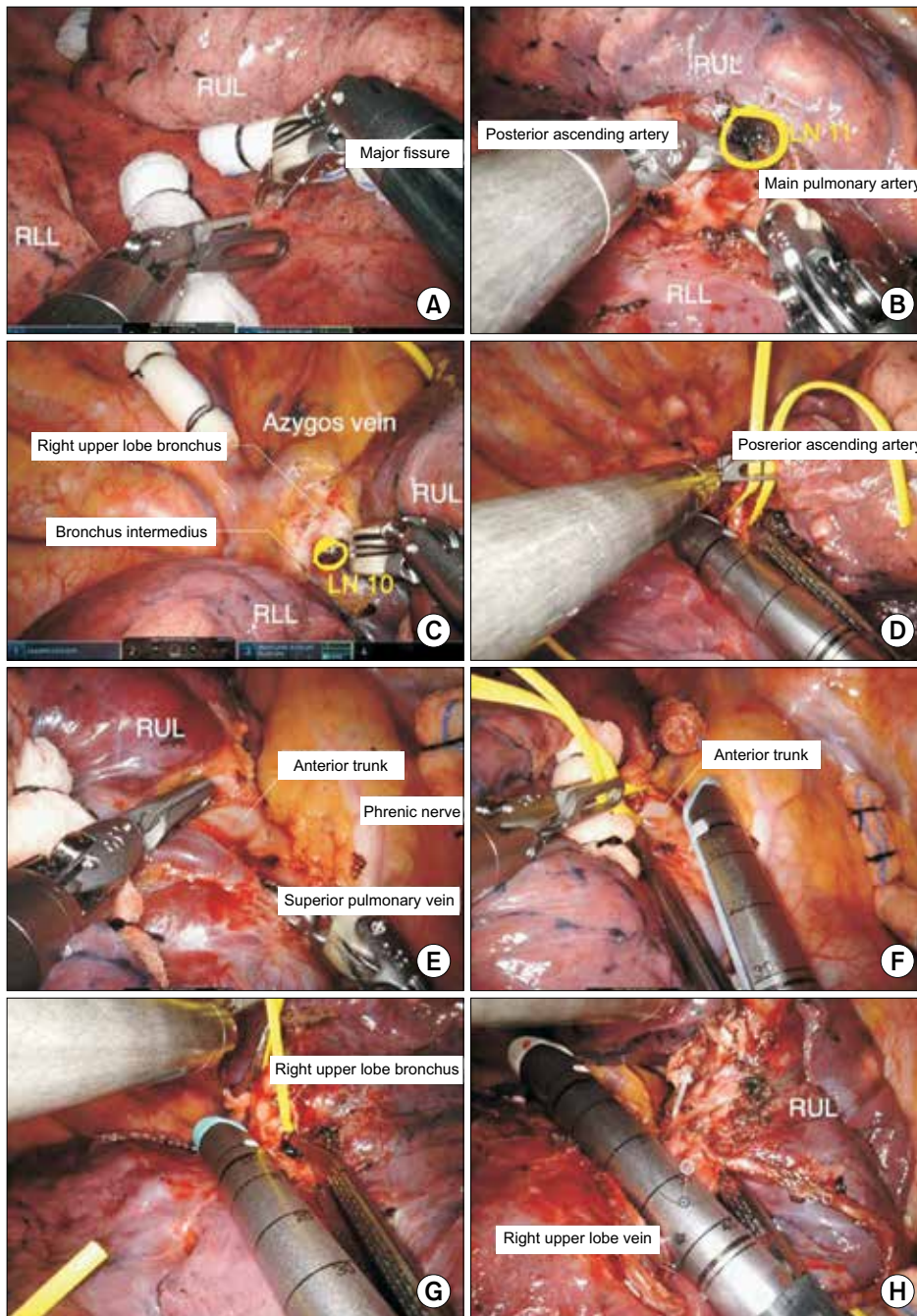
of the hilum is dissected. The dissection is continued to expose the RUL bronchus and bronchus intermedius. The upper lobe bronchus is encircled with a vessel loop and divided with a robotic stapler.

#### Step 5: Completion of the fissure

To complete the fissure, it is usually divided with a robotic stapler. Care is taken to identify the main pulmonary artery and right middle lobe (RML) artery. Next, the speci-

men is removed using a specimen bag through the utility incision.

However, when the fissure is complete and well developed, we prefer to perform the steps in the following order (Fig. 5): (1) isolation and division of the posterior ascending artery, (2) dissection of the pleura at the RUL bronchus and bronchus intermedius bifurcation, (3) isolation and division of the anterior trunk of the pulmonary artery, (4) isolation and division of the RUL bronchus, and (5) isola-



**Fig. 5.** Robotic right upper lobectomy for patients with a complete fissure. (A) Dissection of the major fissure. (B) Identification of the posterior ascending artery. (C) Dissection of the pleura at the right upper lobe (RUL) bronchus and bronchus intermedius bifurcation. (D) Division of the posterior ascending artery. (E) Identification of the anterior trunk of pulmonary artery and superior pulmonary vein. (F) Division of the anterior trunk of pulmonary artery. (G) Division of the upper lobe bronchus. (H) Division of the upper lobe vein. LN, lymph node.

tion and division of the RUL vein.

**Step 1: Isolation and division of the posterior ascending artery**

The RUL is retracted superiorly, and the right lower lobe (RLL) is retracted inferiorly to expose the pulmonary artery. The major fissure between the RUL and RLL is dissected using long bipolar forceps, and the nodal tissues are removed to identify the anatomy of the pulmonary artery. Once the posterior ascending artery is exposed, the dissection continues until the main pulmonary artery is identified. The incomplete major fissure between the RUL and RLL can be divided with a robotic stapler to expose the pulmonary artery. Sometimes it is better to divide the major fissure last to reduce air leakage. The posterior ascending artery is encircled with a vessel loop and divided using a robotic stapler. If the posterior ascending artery is too small, robotic Hem-o-Lok clips can be used to ligate it.

**Step 2: Dissection of the pleura at the RUL bronchus and bronchus intermedius bifurcation**

The lung is retracted inferiorly to expose the superior surface of the hilum, and the upper hilar region is dissected. This prepares the field for the isolation of the RUL bronchus. Once the connective and nodal tissues are removed, the right main bronchus and the bronchus intermedius are clearly exposed.

**Step 3: Isolation and division of the anterior trunk of the pulmonary artery**

The lung is retracted posteriorly, and the upper hilar region is dissected anteriorly to posteriorly. Once the anterior trunk is exposed, it should be separated from the superior pulmonary vein. The anterior trunk is encircled with a vessel loop and divided using a robotic stapler.

**Step 4: Isolation and division of the RUL bronchus**

After division of the anterior trunk, the RUL bronchus is exposed, and nodal tissues around the bronchus should be removed. The RUL bronchus is encircled with a vessel loop and divided using a robotic stapler.

**Step 5: Isolation and division of the RUL vein**

The bifurcation between the RML vein and upper lobe vein should be dissected to identify anomalies of the venous anatomy. Before division of the RUL vein, the incomplete minor fissure between the RUL and RML is usually divided using a robotic stapler. The RUL is retracted superiorly, and the RUL vein is divided using a robotic stapler.

Next, the specimen is removed using a specimen bag via the utility incision.

**Right middle lobectomy**

Although there are many variations in the techniques of right middle robotic lobectomy, we prefer to perform the procedure in the following order (Fig. 6): (1) division of the major fissure, (2) division of the middle lobe vein, (3) division of the middle lobe bronchus, (4) division of the middle lobe artery, and (5) division of the minor fissure.

Complete dissection of the hilar lymph nodes is the key element of robotic right middle lobectomy because of the narrow space between structures, and it facilitates the identification of the middle lobe bronchus and middle lobe artery. The phrenic nerve is carefully identified.

**Step 1: Dissection and division of the major fissure**

We usually prefer to dissect the anterior portion of the major fissure first with long bipolar forceps. The interlobar lymph nodes are carefully removed to facilitate the identification of the pulmonary artery, bronchus, and vein. Once the artery to the RLL is identified, a tunnel for the division of the major fissure can be created. Part of the incomplete major fissure can be divided using a robotic stapler.

**Step 2: Isolation and division of the RML vein**

Once the major fissure is divided, the pulmonary vein is well exposed. After retraction of the lung posteriorly, the anterior aspect of the hilum is dissected. Although the middle lobe vein most often joins the superior pulmonary vein, it may join the right inferior pulmonary vein and directly drain into the atrium. After identification of the RUL vein and RML vein, the RML vein is encircled with a vessel loop and divided with a robotic stapler.

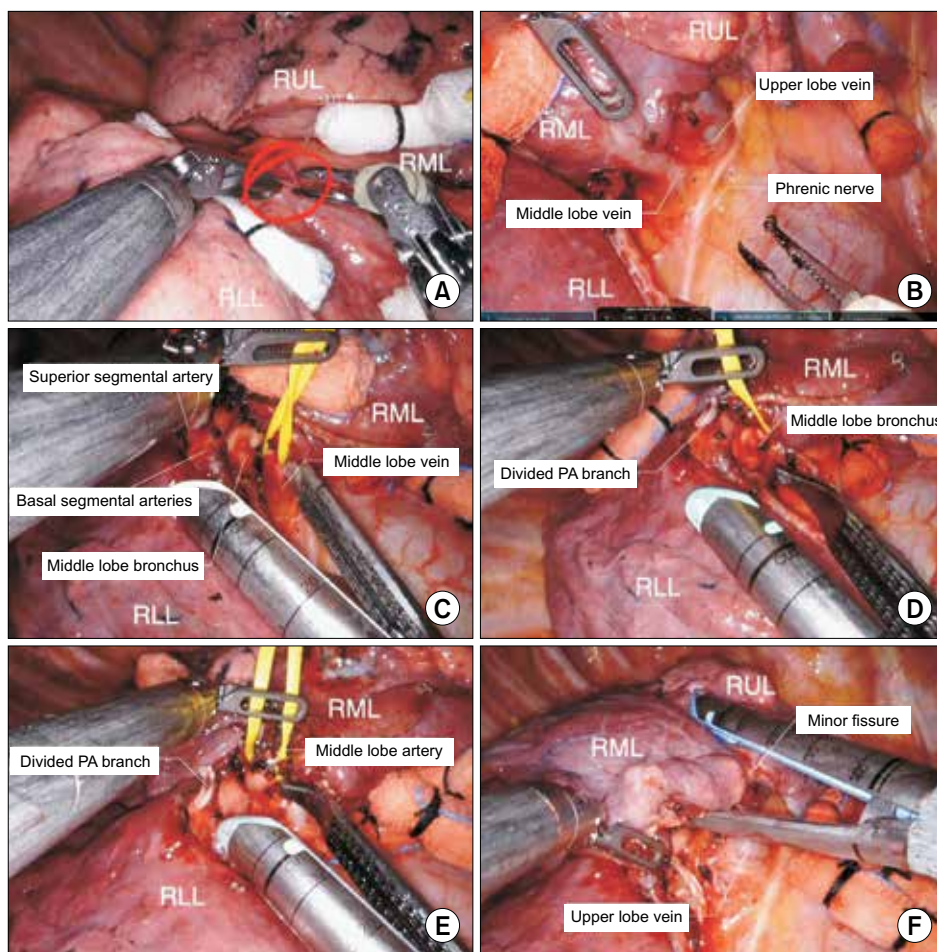
**Step 3: Isolation and division of the middle lobar bronchus**

The middle lobe bronchus is always located below the middle lobe artery. The middle lobe bronchus is dissected and complete dissection of the lymph node should be performed before closing and dividing by the stapler. The middle lobar bronchus is encircled with a vessel loop and divided using a robotic stapler. After clamping the bronchus and before firing the stapler, ventilation of the right lung can confirm the exact position of the stapler. The minor fissure can be divided using a robotic stapler before or after division of the middle lobe artery.

**Step 4: Isolation and division of the middle lobe artery**

The nodal tissues should be dissected completely to iden-





**Fig. 6.** Robotic right middle lobectomy. (A) Dissection of the major fissure. (B) Identification of the bifurcation between the middle lobe vein and upper lobe vein. (C) Division of the middle lobe vein. (D) Division of the middle lobe bronchus. (E) Division of the middle lobe artery. (F) Completion of the minor fissure. RUL, right upper lobe; RML, right middle lobe; RLL, right lower lobe; PA, pulmonary artery.

tify the anatomy of the pulmonary artery. A4 and A5 can arise as separate branches (In 50% of cases) or a common trunk (In the other 50% of cases) from the interlobar artery. The middle lobe artery is encircled with a vessel loop and divided using a robotic stapler. Once all the hilar structures are divided, the minor fissure between the RUL and RML is usually divided using a robotic stapler. Next, the specimen is removed using a specimen bag via the utility incision.

### Right lower lobectomy

The inferior pulmonary ligament is usually dissected first to approach the inferior pulmonary vein. Complete dissection of the lymph nodes can open the mediastinal space and enable safer dissection of the artery, vein, and bronchi.

The surgical approach differs depending on the completeness of the pulmonary fissure. When the fissure is fused and not well developed, we prefer to perform the steps in the following order (Fig. 7): (1) division of the infe-

rior pulmonary ligament, (2) isolation and division of the inferior pulmonary vein, (3) isolation and division of the lower lobe artery, and (4) isolation and division of the lower lobe bronchus.

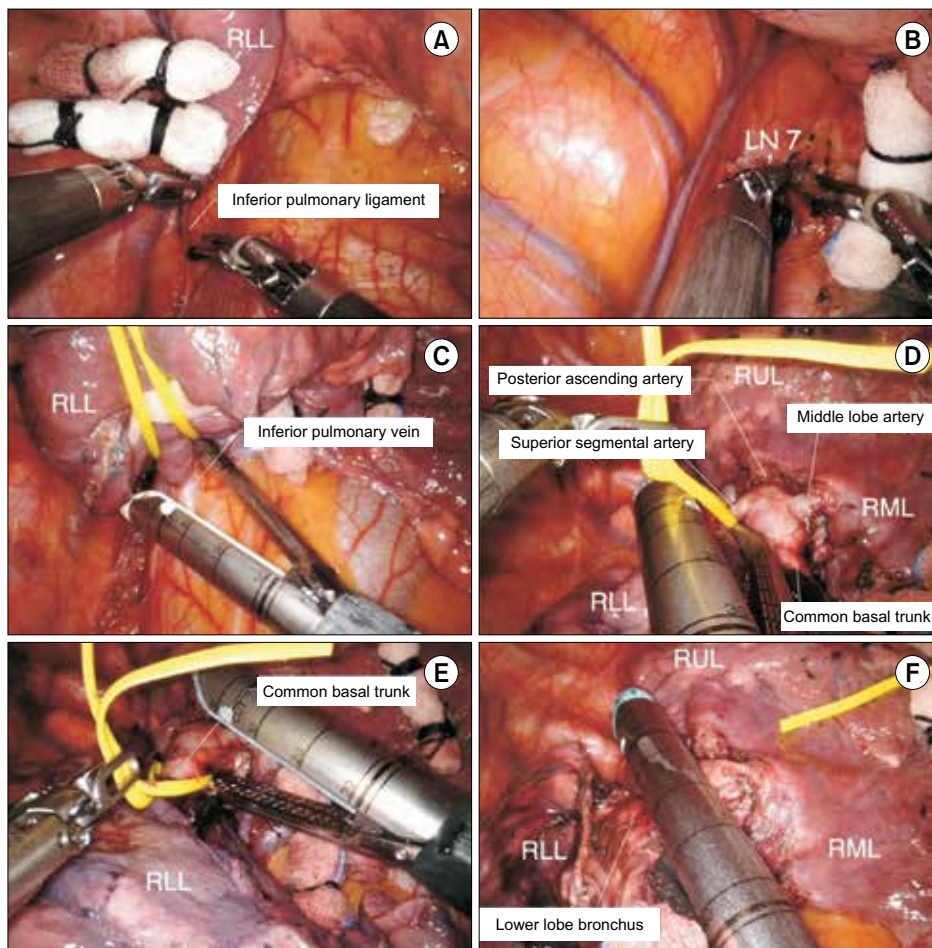
If the fissure is well developed, we prefer a caudal approach, which is described in the section dealing with left lower lobectomy.

### Step 1: Division of the inferior pulmonary ligament

The lung is retracted superiorly using Cadiere forceps, and the surgeon begins to divide the inferior edge of the inferior pulmonary ligament using long bipolar forceps. An assistant can help retract the lung superiorly using a long sponge stick. The inferior pulmonary ligament is divided with all surrounding tissues, and lymph node stations 7, 8, and 9 can be removed.

### Step 2: Isolation and division of the inferior pulmonary vein

Next, the lung is retracted anteriorly to expose the subcarinal area using the rolled-up gauze to avoid direct



**Fig. 7.** Robotic right lower lobe (RLL) lobectomy. (A) Division of the inferior pulmonary ligament. (B) Dissection of lymph node (LN) station 7. (C) Division of the inferior pulmonary vein. (D) Division of the superior segmental artery. (E) Division of the common basal trunk. (F) Division of the lower lobe bronchus. RUL, right upper lobe; RML, right middle lobe.

grasping. After dissection of the subcarinal lymph node, the RLL is retracted posteriorly, and the inferior pulmonary vein is carefully dissected. The mediastinal pleura should be completely dissected to identify the middle lobe vein and the right inferior pulmonary vein. The inferior pulmonary vein is encircled with a vessel loop and then divided using a robotic stapler.

### Step 3: Isolation and division of the lower lobe artery

The anterior part of the major fissure between the RLL and the RML is dissected using long bipolar forceps, and the hilar lymph nodes are removed. We prefer to divide the fused major fissure between the RLL and the RML using a robotic stapler to achieve better exposure of the lower lobe artery in the interlobar space. Complete dissection should be continued until the superior segmental and ascending posterior arteries are identified.

Once the superior segmental artery and basal trunk are exposed, they can be divided in 1 step or 2 steps. We prefer

a 2-step division, in which the superior segmental artery is divided first with a robotic stapler, and then the basal trunk is divided with a robotic stapler.

### Step 4: Isolation and division of the lower lobe bronchus

After division of the pulmonary artery, all hilar lymph nodes should be removed. The lower lobe bronchus is divided using a robotic stapler. Compromising the middle lobe bronchus should be carefully avoided. Next, the specimen is removed using a specimen bag via the utility incision.

### Left upper lobectomy

The left upper lobe (LUL) pulmonary branches may arise in a fairly random order, and they frequently form small trunks of 2 or more branches. Some branches are too small and short to place the stapler. Therefore, careful dissection of the vessel and placement of the stapler must be performed to avoid vessel laceration. Some branches of the



pulmonary artery are too small and short, and they can be ligated with robotic Hem-o-Lok clips.

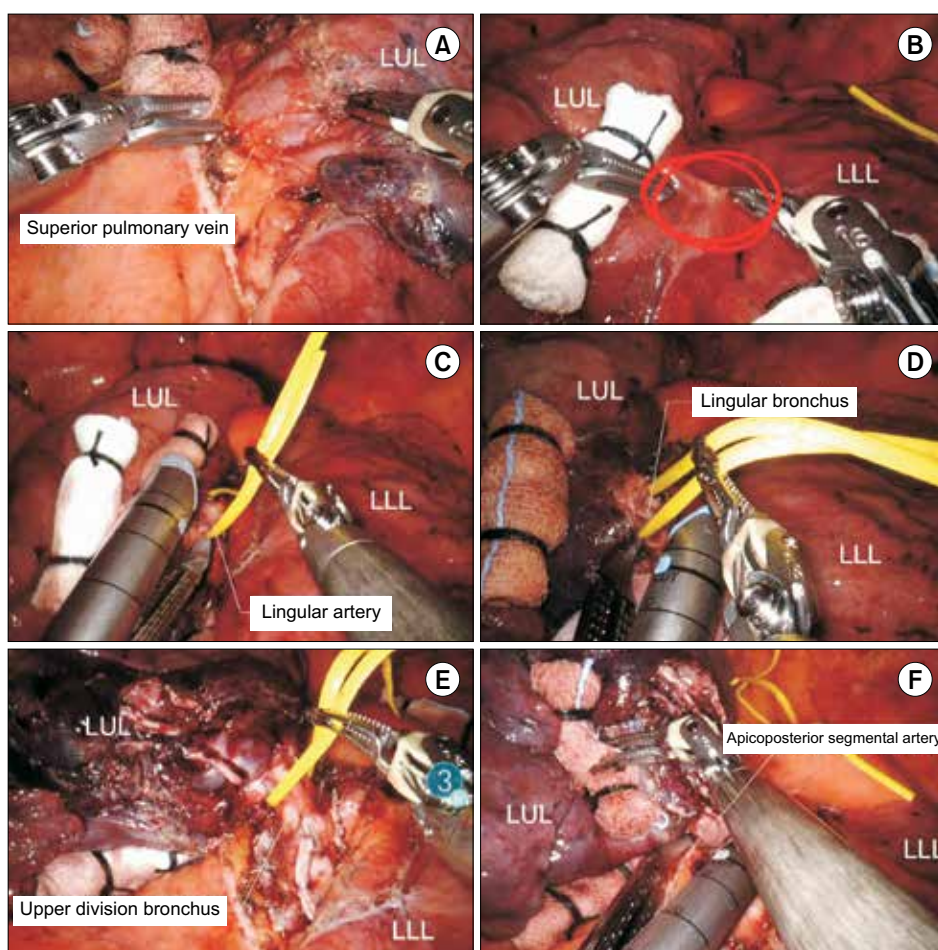
Although the sequence of steps in dissection may vary to some degree due to variations in anatomy, we prefer to perform the steps in the following order (Fig. 8): (1) isolation and division of the superior pulmonary vein, (2) division of the lingular segmental arteries and posterior pulmonary artery branches, (3) isolation and division of the LUL bronchus, and (4) isolation and division of the apicoposterior segmental artery

#### Step 1: Isolation and division of the superior pulmonary vein

The lung is retraced posteriorly to expose the hilum, and the anterior mediastinal pleura is opened. Dissection should be continued until the bifurcation between the superior pulmonary vein and the inferior pulmonary vein is identified. The division of the left superior pulmonary vein is easier than that of the RUL vein due to the absence of the RML vein. The superior pulmonary vein is encircled with a vessel loop, and then divided using a robotic stapler.

#### Step 2: Division of the lingular segmental arteries and posterior pulmonary artery branches

Next, we dissect the fissure using long bipolar forceps. Retraction of the lung by the robotic wrist with rolled-up gauze facilitates dissection of the fissure. After the fissure dissection, the anatomy of the pulmonary artery is identified. Once the superior segmental artery is identified, a tunnel for fissure division can be created. The fused anterior part of the major fissure can be divided using a robotic stapler through the tunnel. The nodal tissues are dissected to facilitate the subsequent passage of the robotic stapler. Once the entire interlobar artery is clearly exposed, the posterior pulmonary artery branches and lingular segmental artery are identified along the upper edge of the interlobar artery. The posterior pulmonary artery branches and lingular segmental artery are encircled with a vessel loop and divided using a robotic stapler in order. If the pulmonary artery branch is too small and short for a stapler, the robotic Hem-o-Lok clips can be used to ligate it.



**Fig. 8.** Robotic left upper lobectomy. (A) Isolation of the superior pulmonary vein. (B) Dissection of the fissure. (C) Division of the lingular segmental artery. (D) Division of the lingular bronchus. (E) Division of the upper division bronchus. (F) Division of the apicoposterior segmental artery. LUL, left upper lobe; LLL, left lower lobe.

### Step 3: Isolation and division of the LUL bronchus

The upper lobar bronchus is located in the middle of the major fissure, and it is usually exposed after division of the lingular segmental arteries and posterior pulmonary artery branches. The lung is retracted anteriorly and the nodal tissues are removed. The normal LUL bronchus is divided into the upper division bronchus and the lingular bronchus, and they can be divided in 1 step or 2 steps. We prefer a 2-step division, in which the lingular bronchus and the upper division bronchus are divided using a robotic stapler in order.

### Step 4: Isolation and division of the apicoposterior segmental artery

The apicoposterior segmental artery arises from the posterosuperior aspect of the left pulmonary artery and passes through the front of the LUL bronchus. The apicoposterior segmental artery is clearly exposed after division of the LUL bronchus. The apicoposterior segmental artery and remaining posterior pulmonary artery branches are isolated and divided using a robotic stapler in order. When the

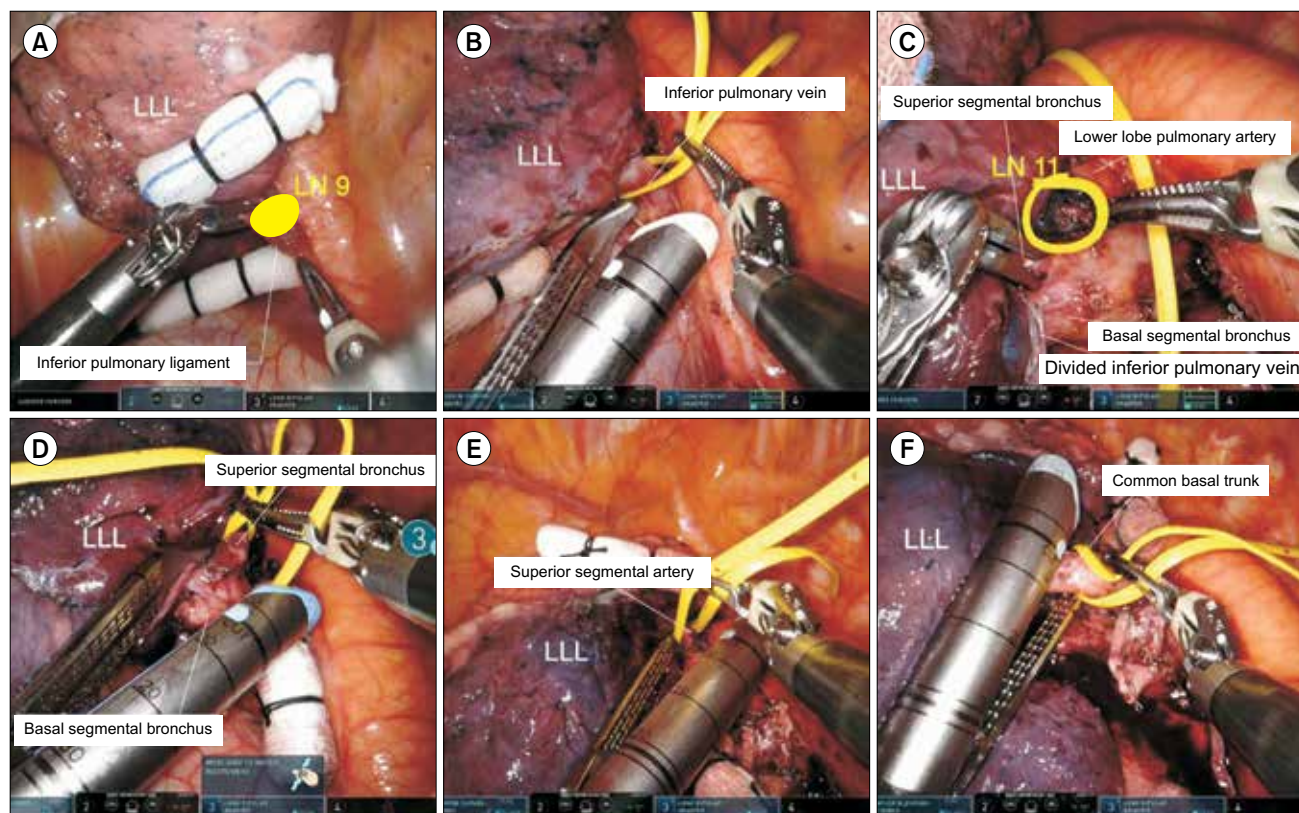
posterior pulmonary artery branches are multiple and small, they can be ligated using robotic Hem-o-Lok clips. Next, the specimen is removed using a specimen bag via the utility incision.

### Left lower lobectomy

Left lower robotic lobectomy is performed in a manner similar to that of right lower lobectomy. When the fissure is well developed, we prefer a caudal approach (Fig. 9): (1) division of the inferior pulmonary ligament, (2) isolation and division of the inferior pulmonary vein, (3) isolation and division of the lower lobe bronchus, and (4) isolation and division of the inferior pulmonary artery. If the fissure is fused and not well developed, we prefer the order described in the section describing right lower lobectomy.

### Step 1: Division of the inferior pulmonary ligament

The lung is retracted superiorly using Cadiere forceps and the surgeon begins to divide the inferior edge of the inferior pulmonary ligament using long bipolar forceps. An assistant can provide superior traction of the lung us-



**Fig. 9.** Robotic left lower lobectomy. (A) Division of the inferior pulmonary ligament. (B) Division of the inferior pulmonary vein. (C) Identification of the anatomy of the pulmonary artery. (D) Division of the superior segmental bronchus. (E) Division of the superior segmental artery. (F) Division of the common basal trunk. LUL, left upper lobe; LLL, left lower lobe; LN, lymph node.



ing a long sponge stick. The inferior pulmonary ligament is divided with all surrounding tissues, and lymph node stations 7, 8, and 9 can be removed.

#### Step 2: Isolation and division of the inferior pulmonary vein

Once the inferior pulmonary vein is exposed, the hilum is dissected anteriorly to identify the anatomy of the pulmonary vein. The bifurcation of the inferior pulmonary vein and superior pulmonary vein should be exposed and identified. The inferior pulmonary vein is encircled with a vessel loop, and then divided using a robotic stapler.

#### Step 3: Isolation and division of the lower lobe bronchus

The lung is retracted anteriorly, and the left lower bronchus is dissected. The left lower bronchus divides into a superior segmental bronchus and 4 basal segmental bronchi. All hilar lymph nodes are removed, and the superior segmental bronchus is identified. Completion of the fissure can be performed using a robotic stapler, which facilitates visualization of the bronchus and artery. The left lower bronchus can be divided by 1 step or 2 steps, and we prefer a 2-step division. The superior segmental bronchus and basal segmental bronchus can be divided using a robotic stapler in order.

#### Step 4: Isolation and division of the lower lobe pulmonary artery

After division of the left lower bronchus, the fissure is dissected to identify the anatomy of the pulmonary artery. The left lower pulmonary artery divides into the superior segmental artery and the common basal trunk. Once the superior segment and basal trunk are exposed, they can be divided in 1 step or 2 steps. We prefer a 2-step division, wherein these structures are divided using a robotic stapler in order. Next, the remainder of the fissure is divided using a robotic stapler. Subsequently, the specimen is removed using a specimen bag via the utility incision.

## Conclusion

Herein, we have presented a review of robotic lobectomy, focusing on several key technical points for a successful operation. Robotic lobectomy is feasible and safe, and it may be useful for more challenging surgical procedures. Although the learning curve for robotic lobectomy is steep, the technology of robotic surgical systems is still evolving, and upgraded systems will enhance the speed, accuracy, and safety of robotic lobectomy in the future.

## Conflict of interest

No potential conflict of interest relevant to this article was reported.

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# Robot-Assisted Thoracic Surgery in Non-small Cell Lung Cancer

#498 MARCH 2025 3 CE CREDITS \$18

1. What position is the patient placed?
  - a. Supine with Trendelenburg
  - b. Right kidney with reverse Trendelenburg
  - c. Fowler's position
  - d. Supine with reverse Trendelenburg
2. What agent should the CST have available for the paravertebral intercostal nerve block?
  - a. Lidocaine
  - b. Tetracaine
  - c. Bupivacaine
  - d. Ropivacaine
3. What sizes of chest tubes should the CST have ready for insertion into the incision at the end of the procedure?
  - a. 20 Fr, 24Fr
  - b. 24 Fr, 32 Fr
  - c. 28 Fr, 36F
  - d. 32 Fr, 36 Fr
4. When a four-port approach is used for a right-side lobectomy, the incision for the camera port is made in the \_\_\_\_\_ intercostal space.
  - A. fifth
  - B. sixth
  - C. seventh
  - D. eighth
5. The middle lobe bronchus of the right lung is located \_\_\_\_\_ to the middle lobe artery.
  - a. superior
  - b. distal
  - c. proximal
  - d. inferior
6. Which of the following is the correct order of the surgical steps for a right upper lobectomy?
  - a. Pulmonary artery divided, posterior ascending artery divided, vein divided, bronchus divided, fissure completed
  - b. Vein divided, pulmonary artery divided, posterior ascending artery divided, bronchus divided, fissure completed
  - c. Posterior ascending artery divided, pulmonary artery divided, vein divided, bronchus divided, fissure completed
  - d. Pulmonary artery divided, vein divided, posterior ascending artery divided, bronchus divided, fissure completed
7. What instrument will the CST use to retract the lung superiorly during a right lower lobectomy?
  - a. Atraumatic grasper
  - b. 5 mm blunt hook
  - c. Bronchus clamp
  - d. Sponge stick
8. The thoracic cavity is insufflated \_\_\_\_\_ mm Hg to facilitate lung collapse.
  - a. 2–6
  - b. 6–10
  - c. 10–14
  - d. 14–18
9. What surgical approach does the surgeon use when performing a right lower lobectomy and the fissure is defined?
  - a. Caudal
  - b. Lateral
  - c. Medial
  - d. Cephalic
10. Which of the following methods is routinely used by the surgeon for all the described robotic-assisted lobectomy procedures to ligate small arterial branches?
  - a. Cautery
  - b. Silk ties
  - c. Stapler
  - d. Hemoclips

## ROBOT-ASSISTED THORACIC SURGERY IN NON-SMALL CELL LUNG CANCER

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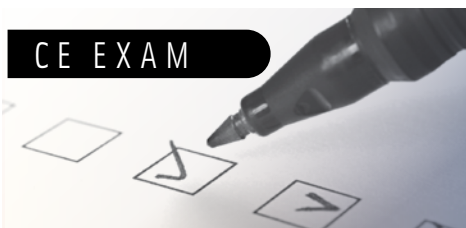
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**JOSEPH CHARLEMAN, CST, CSFA, DBA, FAST**  
PIKES PEAK STATE COLLEGE,  
COLORADO SPRINGS, COLORADO



### AST INVOLVEMENT

■ **NATIONAL:** AST President, 2023-2025; AST Director, 2018-2023; AST Surgical Technology Community Outreach & Medical Mission Committee, 2020-2022; Foundation for Surgical Technology, 2021-2022; AST Military Representative, 2019-2025; AST Education and Professional Standards Committee, 2014-2018.

### CANDIDATE STATEMENT

Dear Esteemed Membership of the Association of Surgical Technologists,

It has been an honor to serve as your President, and I am pleased to announce my candidacy for a second term. With over 30 years dedicated to the field of surgical technology, I have served as a Certified Surgical Technologist (CST), Certified Surgical First Assistant (CSFA), surgical technology educator,

and advocate for our profession. My tenure as your President has been marked by collaboration, progress, improvement, and a steadfast commitment to advancing our field.

#### Key Accomplishments During My First Term Together

We have achieved several significant milestones, including:

- Successfully completing the search for and onboarding a new CEO to lead AST into the future.
- Developing and implementing a comprehensive five-year strategic plan.
- Enhancing transparent communication between the AST Board and its membership.
- Establishing ad-hoc committees to better serve the evolving needs of our members.

These accomplishments reflect our shared commitment to advancing surgical technology and strengthening the foundation of our association.

#### Vision for a Second Term

As we navigate an evolving healthcare landscape and address challenges like workforce shortages, it is vital to continue advocating for our profession and supporting our members. If reelected, I will focus on three key areas:

1. **Membership Growth**  
I am dedicated to attracting new members and retaining existing ones by introducing mentorship programs, expanding and innovat-

ing continuing education opportunities, and fostering a more inclusive, diverse professional community.

2. **Advocacy for the Profession**  
I will persist in elevating the recognition of surgical technologists through partnerships with policymakers, healthcare organizations, and educational institutions. Advocacy efforts will prioritize fair compensation, legislative support, and opportunities for professional growth.
3. **Advancing the Strategic Plan**  
Building on our newly implemented strategic plan, I will ensure its continued success by engaging with members, addressing emerging challenges, and focusing on initiatives that align with our mission to ensure quality patient care.

#### A Call for Unity and Progress

Our mission is to ensure quality patient care by promoting the profession of surgical technology. In the face of external challenges, we must remain united in improving our organization and supporting one another. Together, we can navigate these challenges, ensuring the continued growth and strength of our profession. I humbly ask for your support in this election. With your vote, we can continue to build on our achievements and drive meaningful change for all surgical technologists. Your trust and partnership inspire me, and I look for-

ward to continuing to serve this incredible community. Thank you for considering my candidacy.

Sincerely, Joseph Charleman, CST/CSFA, President, Association of Surgical Technologists

**PEGGY VARNADO, CST, CSFA, FAST**  
NORTH OAKS MEDICAL CENTER, HAMMOND, LOUISIANA



#### AST INVOLVEMENT

■ **NATIONAL:** AST Vice President, 2021-2025; AST Treasurer, 2017-2021; AST Board of Director, 2015-2017; AST Sunshine Fund Committee Chair, 2019-2021; Foundation for Surgical Technology Committee, 2024-2025, 2015-2021, Chair 2017-2018, 2019-2020.

■ **STATE:** Louisiana State Assembly Treasurer, 2017-2022; Louisiana State Assembly Board of Director, 2014-2016, 2006-2008; Louisiana State Assembly President, 2011-2013; Louisiana State Assembly Vice President, 2008-2011.

#### CANDIDATE STATEMENT

Hello, my name is Peggy Varnado, and I am asking for the honor to continue to serve the members of AST as I seek election to the office of president. The past 10 years have been very rewarding, challenging, and enlightening, as I have served in the roles of Vice President, Treasurer, and Director. I have and will continue to serve with honesty, passion, and integrity, as I work with my fellow

board members to continue the progress, momentum, growth, and acknowledgment of our profession and association.

As your Vice President, I worked with the President to validate that the mission of AST, "to enhance our profession in order to ensure quality surgical patient care," was carried out responsibly, by providing quality continuing education opportunities, fiduciary responsibility, and continued communications with our partner organizations all in accordance with our strategic plan. I continue to support the work of the Foundation for Surgical Technology and the Sunshine Fund, which provides ways for AST to give back to its members, support the students and educators of surgical technology, help to offset the expenses of those who served on medical missions, and to help bring our military members to conference. I led a joint committee, which consisted of members from the AST Board of Directors and the NBSTSA Board of Directors, to create a clear definition of the requirements for the live continuing education credits. But one of my most rewarding accomplishments has been leading a group of surgical technologists on two AST-sponsored medical missions.

We have made great strides in advancing the profession over the past few years, and with the workforce concerns we are facing across the country, as well as a few other educational issues, the time is now for the board of directors and our partner organizations to work together to help bring awareness to these issues and to find solutions and tools to bring to our places of employment, promote awareness of the surgical technology profession, and continue to provide quality educational opportunities for the surgical technologist.

As your President, I will work to continue to implement the strategic plan to help all these things work together to ensure the highest level of patient care,

working toward having a Certified Surgical Technologist in every operating room. Thirty years ago, I entered the operating room for the very first time, full of nerves and excitement, but also full of intrigue and awe for what was happening in front of me. I have spent my entire career behind the Mayo or across from the surgeon, and I have loved every minute of it! I love this profession and cannot imagine ever doing anything else. Surgical technology has given me so much and provided me with so many opportunities in my life, I count it an honor and a privilege to be able to give back to the profession by serving our membership as a member of the board of directors. I would be honored if you allow me to continue to serve as your next President.

Thank you for your consideration and your vote.

#### VICE PRESIDENT (VOTE FOR ONE)

**NICOL BATES, CST, FAST**  
WEST GEORGIA TECHNICAL COLLEGE  
WACO, GEORGIA



#### AST INVOLVEMENT

■ **NATIONAL:** AST Board of Director, 2021-2024; Military Representative Chair, 2021-2024; Surgical Technology Community Outreach & Medical Mission, 2022; Policy and Procedures Committee, 2021.

■ **STATE:** Georgia State Assembly, Director, 2017-2021.



## CANDIDATE STATEMENT

I am excited to announce my candidacy for Vice President. With two terms of experience as Director at the national level, I have had the privilege of working closely with our members and helping shape the direction of our organization. I am passionate about continuing to advocate for our profession and to push for positive change. I want to ensure that the voices of our members are heard and valued.

Throughout my time in various roles within AST, I've learned that setbacks are merely stepping stones to greater achievements. I am determined to be an example of resilience and perseverance. Showing that mistakes and challenges do not define us but instead strengthen our resolve. As Vice President, I will focus on highlighting and recognizing the contributions of our members and ensuring that their hard work and dedication are celebrated.

AST has made significant strides in the right direction, and I firmly believe that we can achieve even more as an organization. The time is now to continue pushing forward and building upon the progress we've made. Education within our community and in the public will remain a top priority for me. Creating a campaign to educate our patients and future CSTs is crucial. I am committed to furthering knowledge-sharing and growth. It has been an honor to represent our members in various capacities, and it would be a privilege to continue doing so as Vice President.

If elected, I promise to provide honest and dedicated service, advocating tirelessly for our profession and ensuring that our collective needs are met. I respectfully request your vote as Vice President, and I am committed to continuing the work that matters most to you – our members. Thank you for your support.

**DUSTIN CAIN, CST, FAST**  
NORTHSIDE HOSPITAL, ATLANTA,  
GEORGIA



## AST INVOLVEMENT

■ **NATIONAL:** AST Treasurer, 2021- 2023, 2023-2025; AST Secretary, 2018-2021; AST Board of Director, 2016-2018; Foundation for Surgical Technology Committee, 2021-2025; AST Budget and Finance Committee, 2021-2025; AST Bylaws, Resolutions and Parliamentary Procedures Committee, 2014-2016, Chair, 2014-2016.

■ **STATE:** Georgia State Assembly President, 2017-2021; Georgia State Assembly Treasurer, 2021-2023, 2015-2017; Georgia State Assembly Board of Director, 2014-2015, 2023-2025.

## CANDIDATE STATEMENT

Since being accepted into the Surgical Tech program in 2011, I have committed myself to advancing this profession and our membership organization. I started my journey as the VP of my school's surgical tech club and soon after became the VP of the Association of Surgical Technologists Student Association (ASTSA). After waiting the required one year of being an AST member, I was elected to the Georgia State Assembly Board of Directors and then was appointed to the Bylaws, Resolutions, and Parliamentary Procedures Committee at the national level. In GASA, I served my way up to President and I am currently sliding back down

the ranks and will no longer serve on the GASA Board after March 2025.

As you know, my service at the national level has included one term as Director, one three-year COVID term as Secretary, and the past four years as Treasurer. Serving with such dedicated individuals throughout the past 12 years on the various boards and committees has been the honor of a lifetime. Some of the highlights of my tenure have been working on the Foundation for Surgical Technology (FFST), writing critical verbiage for multiple bylaws and policy changes, and the overall continued advancement of our profession.

On the Foundation, we have implemented creative ways to raise more money than ever before and in turn, can provide more scholarships to many more individuals than in the past. Most recently, I supported the sole ownership of the Foundation back to AST. I truly feel that we will now be able to go above and beyond anything we have ever imagined with the Foundation.

Two pieces of critical verbiage that I helped to write include the policy regarding live CEs and lowering the state assembly requirements for meeting quorum. It has been a passion of mine to always help the state assemblies to be more successful and not restrict them in their creativity.

Even though AST has evolved tremendously in my time on the board, we still have many challenges to face. Sub-standard surgical tech programs and improperly trained surgical techs must be a paramount focus of the Board of Directors. It will be my goal to defeat these programs through public and hospital education on the high standard of the CST, and the dangers to the surgical patient by using a tech who was trained on a six-week online course. AST must avoid lowering our standards to meet

those of our competition. The standard that we and our partner organizations have set is what the patient deserves: a Certified Surgical Technologist who has graduated from an accredited program or one who has been grandfathered in by the standards we have set.

If elected as your Vice President, I promise to support the President of AST with the utmost integrity. I will continue to hold the organization to a high standard and continue to make this organization a pride to its members. I will also continue to help create and edit bylaws and policy changes to prevent fraud in our organization and to continue the organization's progressive growth. I will be innovative, honest, and open-minded when making decisions at the board table. Finally, I will put the interest of our members and the surgical patients before my own.

Thank you for your consideration.

#### **TREASURER (VOTE FOR ONE)**

**RACHEL CLARK, CST, CSFA, FAST**  
BAPTIST HEALTH FORT SMITH, FORT SMITH, ARKANSAS



#### **AST INVOLVEMENT**

■ **NATIONAL:** AST Board of Director, 2016-2021; AST Policy and Procedures Committee, 2019-2021; AST Surgical Technology Community Outreach, 2019-2021; AST State Assembly Leadership Committee, 2011-2015.

■ **STATE:** Arkansas State Assembly Board of Director, 2021-2023, 2020-2021; Arkansas State Assembly Treasurer, 2015-2019; Arkansas State Assembly President, 2009-2013; Arkansas State Assembly Vice President, 2005-2009.

#### **CANDIDATE STATEMENT**

Dear Members of the Association of Surgical Technologists (AST),

I am honored to announce my candidacy for the position of Treasurer of AST. My journey within this esteemed organization for 30 years has been both fulfilling and transformative, and I am excited about the opportunity to continue serving you on a national level. Having served and termed out of every position within my own state assembly – with the exception of Secretary, in which I am currently serving – I have gained a comprehensive understanding of leadership, governance, and the financial stewardship necessary to support AST's mission. Each role has provided me with invaluable experiences in fostering collaboration, managing resources, and championing initiatives that strengthen our profession. Additionally, my tenure as a member of the AST Board of Directors for five years allowed me to contribute to decision-making processes that have shaped the future of surgical technology nationwide. Working alongside an incredible group of leaders, I developed a profound appreciation for the financial responsibilities and strategic planning required to ensure AST's continued success.

As a Certified Surgical Technologist (CST), Certified Surgical First Assistant (CSFA), Fellow of the Association of Surgical Technologists (FAST), and Surgical Technologist-Registered (ST-R) within my Arkansas state legislature and being an Adjunct Clinical Surgical Technology Instructor in my community I bring both practical expertise and a

deep compassionate commitment to the values of our profession. I understand the importance of fiscal responsibility, transparency, and accountability, and I am dedicated to upholding these principles in the role of the national Treasurer.

My goal is to ensure that AST's financial resources are managed effectively to advance education, advocacy, and member support. Together, we can build on the established strong foundation of AST's achievements and prepare for the challenges and opportunities ahead. I am eager to bring my skills, experience, and passion for service to this vital role and to work with you to advance our shared mission. Thank you for your consideration. I humbly ask for your support and your vote.

With gratitude and dedication,  
Rachel Clark, CST, CSFA, FAST, ST-R

#### **DIRECTOR (VOTE FOR THREE)**

**CHRIS BLEVINS, CST, FAST**  
SOUTH COLLEGE, KNOXVILLE, TENNESSEE



#### **AST INVOLVEMENT**

■ **NATIONAL:** AST Education and Professional Standards Committee, 2020-2024; Chair 2022-2024.

■ **STATE:** Tennessee State Assembly Board of Director, 2022-2024; Texas State Assembly Secretary, 2019; Texas State Assembly Board of Director, 2018-2019.

## CANDIDATE STATEMENT

As a proud Certified Surgical Technologist and passionate advocate for our profession, I am honored to submit my candidacy for the AST Board of Directors.

My journey in surgical technology has been one of dedication, service, and unwavering commitment to advancing our profession and supporting my fellow CSTs. With a servant's heart, I have devoted my career to advocating for the vital role of Certified Surgical Technologists in delivering excellent patient care. As an educator, I have had the privilege of mentoring future CSTs and educators, inspiring them to embrace the principles of integrity, excellence, and collaboration. Through my podcasts and public speaking engagements, I have worked to educate patients, the public, and healthcare professionals about the indispensable contributions we make in the operating room.

My previous roles, including serving on the Texas and Tennessee AST State Assemblies, and as Chair of the AST National Education and Professional Standards Committee, have equipped me with the experience and insight to champion the needs of our profession on a national level. These roles have deepened my understanding of the importance of collaboration within our association, perioperative colleagues, and partner organizations. I firmly believe that building these partnerships is essential for the growth and recognition of CSTs in critical decision-making arenas that influence our scope of practice.

I am an out-of-the-box thinker who values innovation and teamwork. I envision a future where CSTs are at the forefront of shaping surgical care standards, where our voices are heard, and our expertise is respected in every surgical setting.

Humbly, I ask for the opportunity to serve you, my fellow CSTs, on a national level. Together, we can elevate our profession, support one another, and continue making a profound impact on patient care. I am deeply grateful for your consideration and for the opportunity to continue serving our incredible community.

MONA BOURBONNAIS, CST, FAST  
COLLEGE OF WESTERN IDAHO, BOISE,  
IDAHO



## AST INVOLVEMENT

■ **NATIONAL:** AST Board of Director, 2024-2025; AST Education and Professional Standards Committee, 2015-2021.

■ **STATE:** Idaho State Assembly Board of Director, 2010-2015.

## CANDIDATE STATEMENT

I am honored to submit my candidacy for the Board of Directors position with the Association of Surgical Technologists (AST). I became a Certified Surgical Technologist (CST) in 1989 and have extensive experience in both the operating room and education.

After over 35 years as a CST, my passion for our profession remains undiminished—if anything, it has only grown stronger. Throughout my career, I have witnessed countless examples of the dedication CSTs bring to their patients and our field, which continually inspires me to serve. With

my experience and leadership skills, I am well-equipped to contribute innovative ideas and energy to support our members and advocate for our patients.

I have volunteered with AST in various capacities. From 2010 to 2015, I served as a board member for the Idaho State Assembly, where I helped organize CE events and business meetings. My responsibilities included speaking, arranging speakers, securing raffle prizes, and coordinating meals. From 2015 to 2022, I was a member of AST's Education and Professional Standards Committee (EPSC). During my three terms on the EPSC, we revised several *Guidelines for Best Practice* and AST Position Statements, reviewed and approved CE events, edited CE articles for the *AST Journal*, and planned the annual Educators Conference. I have also served multiple times as a delegate for the State of Idaho over the past 25 years. Most recently, I became a site evaluator for Accreditation Review Council on Surgical Technology and Surgical Assisting (ARC/STSA), where I have been inspired by the outstanding work of program directors across the country.

As a program director and instructor for over 25 years – first at Boise State University and most recently at the College of Western Idaho – I take immense pride in the more than 500 students who have graduated from our program and become CSTs. Many continue to serve as CSTs and Certified Surgical First Assistants (CSFAs), making a meaningful impact on patient care. Recognizing a growing need for qualified CSFAs, I proposed the idea of launching a CSFA program at our college. After developing curriculum guides, preparing course descriptions, and submitting a budget proposal, I successfully navigated the approval process through our college

curriculum committee, the State Board of Education, the Northwest Commission on Colleges and Universities, and the Department of Education. We appointed an exceptional CSFA Program Director, and our inaugural cohort has now graduated. I am especially proud to share that our CSFA program has recently been awarded CAAHEP accreditation, further solidifying its quality and credibility.

Now that I have retired as Program Director for the College of Western Idaho, I have the opportunity to fully immerse myself in serving on the AST Board of Directors. My commitment to advancing our profession remains stronger than ever.

I am dedicated to promoting and advocating for our profession. My efforts focus on engaging with groups and organizations directly impacted by Certified Surgical Technologists. With AST's support, I attended the Idaho/Montana/Wyoming/Utah American College of Surgeons Conference in March 2024. There, a colleague and I spent three days speaking with surgeons about the importance of ensuring their facilities hire only Certified Surgical Technologists.

Most recently, I was honored to receive a special mid-term appointment to the AST Board of Directors. This role has deepened my understanding of the challenges and opportunities within our field and strengthened my resolve to continue serving. I believe I have much more to offer and am eager to build on this experience by running for another term.

I respectfully ask for your support in my candidacy for the Board of Directors. Together, we can ensure surgical technologists are recognized, respected, and empowered to provide outstanding patient care.

**TREVOR LAPORTE, CST**  
HAYDEN MEDICAL, SANTA CLARITA,  
NEVADA



#### AST INVOLVEMENT

■ **STATE:** Nevada State Assembly Vice President, 2024-2025; Nevada State Assembly Board of Director, 2022-2024.

#### CANDIDATE STATEMENT

I am honored to submit my candidacy to serve on the national board of directors for the Association of Surgical Technologists (AST).

As a Certified Surgical Technologist, medical sales professional, and active leader within the Nevada State Assembly of AST, I bring a unique combination of clinical expertise, industry knowledge, and a passion for advancing our profession. My journey has been defined by a commitment to elevating the role of surgical technologists and fostering meaningful connections within the healthcare community.

As a Vice President of the Nevada State Assembly, I have spearheaded initiatives that promote professional development, encourage community service, and support the growth of our members. Additionally, serving as a member of the HSPA Exhibitor Advisory Committee has deepened my understanding of collaboration and innovation on a national scale.

I believe leadership is about service, vision, and action. If elected, I will work

tirelessly to represent the diverse voices of AST members, advocate for our profession, and ensure that surgical technologists are recognized for the critical role they play in patient care. My goals include increasing access to educational resources, strengthening mentorship opportunities, and enhancing AST's influence within the broader medical community. Together, we can continue to build a future where surgical technologists thrive, and our profession reaches new heights.

I am excited about the opportunity to contribute to this mission and humbly ask for your support. Thank you for considering my candidacy.

**BROOKE OLIVER, CST, FAST**  
RICHLAND COMMUNITY COLLEGE,  
DECATUR, ILLINOIS



#### AST INVOLVEMENT

■ **STATE:** Illinois State Assembly President, 2022-2025; Illinois State Assembly Vice President, 2019-2022; Illinois State Assembly Secretary, 2012-2016; Illinois State Assembly Board of Director, 2010-2012.

#### CANDIDATE STATEMENT

As a dedicated surgical technologist with almost two decades of experience in the operating room and over 15 years as a surgical technology educator, I am eager to contribute my expertise and passion for our profession



by serving on the board of directors for the Association of Surgical Technologists. My journey has underscored the critical role that surgical technologists play in ensuring patient safety and optimal surgical outcomes. My passion for this remarkable field has solidified my belief that our profession must not only adapt to the ever-changing landscape of healthcare but also set a standard for excellence through mandatory education and credentialing. Having served on the board of directors at the state level in various capacities – board of director, secretary, vice president, and president – I bring a wealth of leadership experience that will benefit our organization.

I believe increasing public awareness of surgical technology can enhance recognition of the vital support our profession provides to surgeons and other medical staff. It also fosters greater understanding of the education, training, and expertise required to excel in this field. By educating the public on the importance of surgical technologists, we can help improve the overall perception of this career, attract new talent to the profession, and ultimately enhance the quality-of-care patients receive. When patients and their families understand the integral role that surgical technologists play, it can help build trust in the healthcare system and ensure better communication and collaboration during medical procedures. In turn, this leads to improved patient outcomes, greater satisfaction, and a more efficient healthcare environment.

Legislation that mandates education and credentialing is critical for our profession as it ensures that all surgical technologists possess the necessary knowledge and skills to provide safe and effective patient care. By supporting these requirements, we not only elevate our professional standards but

also instill greater confidence in the surgical teams and healthcare institutions that rely on our expertise. Credentialing serves as a mark of competence, while mandated education keeps us informed about the latest advancements in surgical techniques and technologies.

Together, these initiatives fortify the integrity of our role in the surgical setting, ultimately leading to improved patient outcomes and safety. I am committed to advocating for these essential changes and collaborating with fellow board members to promote policies that will enhance our profession and empower surgical technologists nationwide. With your support, I believe we can make a significant impact in shaping the future of surgical technology.

Thank you for considering my candidacy.

**MONICA THULON, CST, CSFA, FAST**  
GEORGIA INSTITUTE OF PLASTIC  
SURGERY, SAVANNAH, GEORGIA



#### AST INVOLVEMENT

■ **NATIONAL:** AST Board of Director, 2023-2025; AST Medical Mission Committee, 2023-2025, Chair, 2024-2025.

■ **STATE:** Idaho State Assembly President, 2021-2023; Idaho State Assembly Board of Director, 2019-2021; 2014-2016; Idaho State Assembly Secretary, 2012-2014.

#### CANDIDATE STATEMENT

I am seeking a second term as a Board of Director for AST. This first term has been educational, informative and eye-opening to me. Aiding in the revision of AST Strategic Plan and hiring of our new CEO was rewarding to see that change is coming. The Board is opening doors, listening to the needs of the members, and I was a part of that gives me tremendous satisfaction. There is still much more work that needs to be done, and I would like to continue with my efforts as a director to the board.

During my term I was assigned to the Medical Missions Committee and eventually made chairman. This allowed me to participate in the selection of the 2024 team and oversee the mission trip to Guatemala. I was able to share this information at various state assembly workshops and hopefully inspire others. This truly is where my passion lies. I would like the opportunity to develop and grow the medical mission program making it accessible to as many members as possible.

It feels like I was just elected to the Board a few months ago, but here we are coming to the end of the term. I am honored that the members had confidence in my ability to represent them and placed me in this role. I hope you, the members, feel I have represented AST well. I am looking forward to continuing to uphold the needs of the members for a second term.



NICOLE VAN VONDEREN, CST, FAST  
NORTH CENTRAL TECHNICAL COLLEGE,  
WAUSAU, WISCONSIN



### AST INVOLVEMENT

■ **NATIONAL:** AST Board of Director, 2023-2025; AST Bylaws, Resolutions and Parliamentary Procedures Committee, 2019-2023; AST Sunshine Fund Committee, 2023-2024; Foundation for Surgical Technology, 2023-2025.

■ **STATE:** Wisconsin State Assembly President, 2021-2025; Wisconsin State Assembly Vice President, 2019-2021 Wisconsin State Assembly Board of Director, 2015-2019.

### CANDIDATE STATEMENT

I am honored to announce my candidacy for the Board of Directors of the Association of Surgical Technologists (AST). Over the past eight years, I have had the privilege of serving on our state board, where I worked diligently to advance the interests of our profession and advocate for the critical role we play in healthcare. My dedication to AST has also extended to the national level, where I have proudly served on the national Bylaws, Resolutions, and Parliamentary Procedures Committee, as well as on the national Board of Directors. These experiences have strengthened my commitment to serving our members and advancing the mission of AST.

My passion for spreading awareness of our profession is at the heart of my work. I believe that surgical technologists are indispensable members of the healthcare team, and I am committed to ensuring that our voices are heard, and our contributions are celebrated. To this end, I have been actively involved in legislative advocacy, working to secure recognition and support for surgical technologists at both the state and national levels. These efforts have included drafting legislation, collaborating with policymakers, and engaging with stakeholders to promote the value of our profession. In addition to my legislative work, I am deeply invested in inspiring the next generation of surgical technologists. Through outreach efforts in high schools, career fairs, and mentorship programs, I have sought to introduce students to the exciting and rewarding opportunities within our field. I am passionate about fostering diversity and inclusion within our profession and am committed to creating pathways for aspiring surgical technologists from all backgrounds.

If elected to the Board of Directors, I pledge to continue advocating for our profession, championing legislative initiatives that protect and advance our roles, and working tirelessly to attract new talent to our field. I also aim to promote professional development opportunities for our members and enhance AST's resources to meet the evolving needs of surgical technologists nationwide. Together, we can build a future where our profession thrives, our voices are amplified, and our contributions to healthcare are universally recognized.

Thank you for your consideration and support. I look forward to the

opportunity to continue serving our community and contributing to the success and growth of AST.

# Harry J. Buncke, MD: Father of Microsurgery

AST Staff

## MEDICAL MARVELS



A discussion of the development of microsurgery must include the impact of the contributions made by Dr. Harry J. Buncke (1922-2008), who is considered the Father of Microsurgery. From inventing the microsurgical needle to creating the first microsurgical instruments, his passion for improving the lives of patients through successful transplantations helped create the surgical subspecialty.

Dr. Buncke was born in Iroquois Falls, Northern Ontario, Canada.<sup>1</sup> His father, Harry Buncke, Sr., was a paper mill engineer, and he moved the family to Rumford, Maine where Dr. Buncke grew up.<sup>1</sup> He joined the U.S. Navy Submarine Service in 1942 serving on the submarine Spadefish as a Lieutenant.<sup>1</sup> In June 1945, after leaving the service, he married Constance and using the GI Bill they both graduated from New York Medical College in 1951. Dr. C. Buncke practiced as a dermatologist, while Dr. H. Buncke completed his plastic surgery residency at New York Medical College, now called Weill Cornell Medical Center which is the teaching hospital for the Cornell University Medical School.<sup>1</sup> He was then accepted into the Marks Fellowship in Great Britain working with well-known reconstructive surgeons of the time at the Royal Infirmary in Glasgow, Scotland, the largest burn unit in Great Britain, and Queen Victoria Hospital in East Grinstead, Sussex, Great Britain.<sup>1</sup>

Throughout the centuries of medical practice amputated body parts could not be replanted or transplanted. While completing his fellowship, Dr. Buncke met Stuart Milton, MD, who was a pioneer in demonstrating that for a large skin flap to be viable, it depended on its vascularization and must include direct blood supply from an artery and vein that are at least 1-mm in diameter, which are now called perforator vessels.<sup>2</sup> Dr. Buncke discussed with Dr.

Milton his concept of transplanting tissue based on the use of 1-mm perforator vessels and attaching the blood supply at a separate location in the body to avoid having to perform a pedicle transfer. The discussion also included Dr. Buncke's theory that replantation of amputated fingers required the ability to repair 1-mm or smaller vessels for the replanted tissue to survive.<sup>1</sup> This propelled Dr. Buncke down the road to improving microsurgery.

At the time, microsurgery was hindered by the lack of microsurgical instruments, particularly needles and sutures that were too large to be used in repairing small blood vessels. Dr. Buncke collaborated with Werner Schultz, physicist and inventor at the Stanford Linear Accelerator, now called the SLAC National Accelerator Laboratory, to design and produce the first nylon microsuture and microneedles in their home laboratories.<sup>1</sup> They redesigned instruments from the jewelry making industry and ophthalmology surgery and were now prepared to perform their first experiments to achieve a successful replantation surgery using rabbit ear.<sup>1</sup>

Rabbit ear was chosen because the blood vessels to the ear are 1-mm in diameter. To this day, microsurgeons are still challenged with controlling vasospasms, and it was no different for Dr. Buncke who reported in his first publications vasoconstriction and vasospasm issues. However, after 56 procedures, he successfully replanted a rabbit ear in the early 1960s and presented his result at the 1964 meeting of the Plastic Surgery Research Council.<sup>1</sup>

His work caught the attention of neuro, general, and plastic surgeons throughout the world including Australia, China, and Switzerland. Harold Kleinert, MD, and Morton Kasdan, MD, hand surgeons at the University of Louisville in Kentucky, adopted Dr. Buncke's surgical techniques to perform the first revascularization (not reimplantation) of a partial digital amputation on November 12, 1962.<sup>3,4</sup> On July 27, 1965,

Susumu Tamai, MD, Professor Emeritus, Department of Orthopedic Surgery, Nara Medical University, Japan, was the first to successfully reimplant the severed left thumb of a 28-year old male who suffered the injury when working with a steel cutting machine.<sup>5</sup> The thumb was amputated at the metacarpophalangeal joint. Two arteries and veins were repaired end-to-end with interrupted 7-0 silk and 8-0 nylon sutures.<sup>5</sup>

Reimplantation of digits was followed by the next stage of microvascular surgery – performing a big toe transplant to take the place of a severed thumb. In 1965, Dr. Buncke reported the first successful replantation of a thumb and index finger in a Rhesus monkey and the following year, a successful toe-to-thumb transplant.<sup>6</sup> Next, in April 1968, John Cobbett, MD, a hand and plastic surgeon at the East Grinstead Cottage Hospital, now called the Queen Victoria Hospital, was the first to successfully transplant the big toe-to-thumb in a human. He had spent time learning microvascular surgery techniques with Dr. Buncke in the laboratory prior to the surgery. The patient was a 31-year-old male who was a woodworker that lost his thumb, index, and middle finger of the nondominant hand in circular saw accident.<sup>7</sup> Soon after Dr. Buncke performed the second toe-to-thumb transplant in the world and the first in the U.S. at the Ralph K. Davies Medical Center (formerly Franklin Hospital and now Davies Campus (CPMC).

In 1971, Dr. Buncke with D. H. McLean, MD, plastic surgeon, performed the first successful omentum trans-

plant. The scalp of a patient who had recurrent sarcoma that required a craniectomy and dural patch reconstruction was covered with the omentum transplant using a superficial artery and vein to provide vascularization. The transplant was covered with a split-thickness skin graft.<sup>8</sup>

Dr. Buncke was a leading surgeon in establishing the field of microsurgery. He educated and trained surgeons and residents from many parts of the world in the microsurgical laboratory training facilities that he created. To this day, his surgical techniques continue to be followed and learned by residents and peers.

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The image is a promotional graphic for LinkedIn. At the top left, the text "Connect to Opportunity" is written in a large, black, sans-serif font. To the right of this text is the LinkedIn logo, which consists of the word "LinkedIn" in white on a blue rounded rectangle. Below the text and logo, there is a network of stylized icons representing people, documents, and a laptop. The icons are connected by dotted lines, suggesting a network or community. At the bottom of the graphic, the text "Build your professional presence and connect to AST." is written in a white, sans-serif font against a dark blue background.



# AST Anniversaries



Congratulations and thank you to all the practitioners who are named on the following pages. They have been members of AST for 20-24 plus or more years, as of January 1, 2025, and we are proud to recognize their commitment to this organization and this honorable profession.

## 20+ YEARS ANNIVERSARIES

Peggy Louise Abbott, CST ..... NM	Adrienne Augustin, CST ..... NY	Angelina Alexis Bhagwandin, CST ..... GA	Karrie K. Burt, CST ..... AZ	Chong Mi Chong, CST ..... WA
Angela Renee Abdullah, CST ... TX	Andrea Austin, CST ..... NJ	Jennifer Bicho, CST ..... NJ	Paul Allen Butler, CST ..... TX	Richard Brent Christiansen, CST AK
Audrey Abraham, CST ..... CT	Timothy William Auvenshine, CST, CSFA ..... TX	Robin Marie Bies, CST, CSFA ..... SD	Damian Cabrera, CST ..... NY	Erik Ryan Christoffersen, CST .. IN
Rosangela Lourenco Abrantes, CST ..... NJ	Jennifer Alder Avery, CST ..... UT	Heather R. Bieske, CST ..... CO	Catherine Cadet-Placide, CST .. NY	Kristy Kae Ciesielski, CST ..... OK
Jo Lynn Adcock, CST ..... AL	Lakesha Reene Bacchus, CST ... TN	Everton W. Biggs ..... NY	Wendy Kae Cadorette, CST ..... TX	Tara M. Ciraco, CST ..... NY
Joyce Adiekponya ..... NY	Chelsea N'Cole Bailey, CST ..... TX	Eric Jon Bingaman, CST ..... PA	Natalie Caetano, CST ..... MA	Lisa Marie Clark, CST ..... NY
Emily J. Affholter, CST ..... IN	Gerry Luanne Bailey, CST ..... TX	Karen Ann Bisesi, CST, CSFA ..... WI	Claudia L. Cafferky, CST ..... NM	Tiffany H. Clark, CST ..... IL
Amber Kay Agnew, CST, CSFA ... WV	Kevin Lamar Bair, CST, CSFA ..... PA	Clarence Marvin Bishop, CST, CSA ..... MD	Susan Theresa Calandra, CST .... IL	Michelle Karina Clarke, CST ..... TX
Manuelita M. Aguilar, CST ..... NM	Heather Lee Baker, CST, CSA ..... IN	Ann Marie E. Black ..... GA	Lora Clare Calbow, CST ..... IL	Raymond James Clause, Jr., CST LA
Hassan Ali Ahmad, CST, CSFA, CSA MI	Tera N'Shay Baklik, CST ..... TX	John D. Blanks ..... TN	Scott Michael Calpino, CST ..... PA	Teresa Clevenger, CST ..... OH
Victoria A. Ahmann, CST ..... FL	Elizabeth G. Baldwin, CST, CSFA . TN	Danelllyn C. Blasberg, CST ..... WA	Helen Alizabeth Calvin, CST ..... FL	Cynthia Smith Clevinger, CST ... NC
Teresa Ahrendt, CST ..... MN	Sean Baldwin, CST, CSFA ..... PA	Shanita K. Bledsoe, CST ..... MS	Milagros Camacho, CST ..... GA	Catherine Close, CST ..... NY
Marie Altagrace Aime, CST ..... NY	Steven M. Baldwin ..... SC	David L. Blevins, CST, CSFA, FAST OH	Rhonda F. Camp, CST ..... NC	Lorrie L. Clow, CST ..... ME
Emily Christine Albers, CST .... MO	Sara Claire Ball, CST ..... NV	Jessica Lake Blevins, CST ..... OH	Colleen W. Campbell, CST ..... PA	Yvonne Cobian, CST ..... NY
Arlande Albert, CST ..... NY	Andrew R. Bandian, CST ..... CA	Caesar Bodden, CST ..... NY	Magdalena E. Canaba ..... TX	Crystal Faye Cole, CST, CSFA ..... MI
Yvette Albert, CST ..... NY	Molly Michelle Banks, CST, FAST IN	Andre Cornelious Bolton, CST .. CA	Tamara Jo Caple, CST ..... MO	Carolyn Denise Coleman, CST .. AR
Francis B. Albrow, III, CST ..... OK	Kara M. Barber, CST ..... TX	Petra Bond, CST, CSFA ..... IL	Carmella A. Card, CST ..... TX	Kristine A. Coles ..... NY
Anthony P. Alcaraz, CST ..... CA	Vicky Marie Barber, CST ..... PA	Dindial Boodram, CST ..... NY	Analeja Dena Carino, CST ..... FL	Sofia Marie Collins Kynoch, CST SC
Ledya A. Alcindor-Crafton, CST NJ	Kerli D. Barnes, CST ..... MO	Alison Booth ..... NY	Michael David Carlom, CST, CSFA, SA-C ..... MN	Sally H. Collinsworth, CST ..... SC
Charlene Elaine Alexander, CST TX	Kimberly A. Barnes, CST, CSFA .. OH	Kimberly Kay Borman, CST, CSFA WI	Christopher Allen Carlisle, CST, CSFA ..... CO	Teresa Lynn Conner, CST ..... SC
Eimy Alvarez, CST ..... FL	Kimberly T. Barnes, CST, CSFA .... KY	Joseph David Bostic, IV ..... NC	Chantel Nicole Carmean, CST .... IL	Rosely P. Constantino ..... CA
Ana Duarte Amador, CST, CSA .... TX	Paige Patricia Barnes, CST ..... WA	Calvin A. Bourne, CST ..... CT	Brenda Carpenter, CST ..... OK	Marilyn Kaye Cook, CST ..... OK
Jamie Katrina Amezquita, CST .. OK	Melinda Kay Barnett, CST ..... IN	Lena Y. Bowie, CST ..... MD	Amanda Marie Carrasco, CST ... NJ	Christy Coonrad, CST, CSFA ..... MA
Dixie M. Amick ..... SC	Gloria J. Barnum ..... CA	Maria Bowlin, CST ..... FL	Amy Jo Carroll, CST, CSFA, CSA .... KY	Jesus M. Corales, CST ..... NY
Stephanie Ann Ammons, CST ... ID	Cassandra Sherma Barrett, CST TX	Gloria Nicole Boyd, CST ..... GA	Amy K. Carson, CST, CSFA ..... MO	Monica I. Corella ..... AZ
Ann M. Anderson ..... NY	Meghan Larann Barron, CST .... KY	Kimberly Brackett, CST ..... CA	Amy Carter, CST ..... OK	Victor Cornier, CST ..... GA
April Renee Anderson, CST, CSFA, FAST ..... FL	Elisa Raquel Barron-Pagan .... NY	Kelley L. Brannon, CST ..... AL	Stephanie Carter, CST ..... OK	Wendy Sue Corrow, CST ..... VT
Carol Elaine Anderson, CST ..... TX	Gilbert Mendiola Basco, CST .... NC	Thomas H. Brannon ..... WA	Monica N. Cartwright, CST ..... TN	Elizabeth Ann Corso, CST ..... OR
Elizabeth Nicole Anderson, CST IN	Shannon Lea Bass, CST ..... IA	Angie Nichole Brede, CST ..... OH	Amy Elizabeth Cary, CST ..... MA	Ana P. Costa, CST ..... MA
Kristen Marie Anderson, CST ... AZ	Terry Wade Bates, CST ..... TX	Julia Ann Brinkley, CST ..... GA	Deena Marie Caserma Paladino, CST, CSFA ..... IL	Sonya Cota, CSFA ..... AZ
Susan Gail Anderson, CST ..... TX	Tina M. Batten, CST, CSFA ..... MI	Becky Lynne Brinson, CST ..... GA	Sandra M. Cathey, CST, CSFA .... OH	Maria Antoinette Council, CST .. FL
Amy Lynn Ardnor, CST ..... MI	Stacey Katherine Bauer ..... CA	Robin Da Shannon Britt, CST .... NC	Marianne Caviston, CST ..... SC	Courtland Lee Couture, CST ..... CA
Angela Aristizabal, CST ..... NJ	Kristy Nicole Baumgardner, CSFA KY	Heather Dawn Brooks, CST ..... TX	Renne Josef Cerna, CST ..... CA	Bridget Zettlemoyer Covington, CST ..... LA
Margaret Armenian, CST ..... CA	Monica Beach, CST ..... TX	Jacqueline Marie Brown, CST ... CT	Lillybeth Cervantes ..... GA	Amy Elizabeth Cowart, CST ..... LA
Ronda May Armstrong, CST, FAST HI	Jena Ann Behler, CST ..... FL	Sabrina Renee Brown, CST ..... MI	Marie M. Cesar, CST ..... PA	Maryanna Cox, CST ..... MI
Lee Arnold ..... PA	Tammy L. Beineke, CST ..... KY	Kylie Lynn Browning, CST ..... IN	Jane E. Chamberlain, CST ..... FL	Monica June Crabtree, CST ..... MO
Hilary Kae Aronson, CST ..... RI	Connie Bell, CST ..... TN	Sharon Marie Bruch, CST ..... IA	Ben Chambers, CST ..... NJ	Christina Ashley Craig, CST, CSFA TN
Jamette Laurice Arrington, CST. VA	Yekaterina Belozeroval ..... NY	Jamie Ann Brule, CST ..... MN	Don Carson Chandler, CST ..... AL	Jennifer Christine Craig, CST ..... OK
Katie L. Arsenault, CST, CSFA ..... FL	Vanessa T. Benavidez, CST ..... CO	Melissa R. Bruton, CST ..... TX	Brittany Ann Chaplin, CST ..... IN	Brandy Jo Crawford, CST ..... WA
Nigel A. Arthur, CST ..... NJ	Brian Charles Bergdahl, CST .... WI	Darlene B. Buehrer, CST, CSFA ... FL	Ryan Chase, CST ..... WA	Iesha E. Creightney, CST ..... NY
Terri D. Ash, CST ..... GA	Jolene Marie Berry ..... ME	Jodi Summer Bullard, CST ..... TX	Suzanne Chavis, CST, CSFA ..... SC	Carrie Denise Crow, CST ..... NV
John Rusk Ashley, CST ..... AZ	Casey Danielle Besco, CST ..... KS	Joseph A. Bunao, Jr., CST ..... CA	Nadege Chenet ..... NY	Jason Palmer Crow, CST, CSA ..... TN
Jennifer Athen, CST ..... MN	Amy Beth Beshear, CST, CSFA .... TN	Tracy Denise Burk, CST ..... OK	Caroline Rose Cherba, CST ..... NJ	Nicole Breane Crowell, CSFA .... CO
Amy L. Athey, CST ..... MN	Joe Don Betts, CST ..... OK	Larry Gene Burke, Jr., CST, FAST .. SC	Ana Celi Chevres, CST ..... NY	Lourdes Lozano Cruz, CST ..... CA
	Julie Marie Betts, CST ..... OK	Alicia Shirley Burnette, CST ..... NC	Katina Chisolm, CST ..... SC	Florante Felarca Cudal, CST ..... TX
	Susan Marie Bevins, CST ..... OH	Renee Burnham ..... SD	Amy Sue Chladek, CST ..... MN	Evelynn Marie Culver, CST, CSFA. VA
				Luis Da Veiga, CST ..... IL

Ibrahim Dakhallallah, CST.....MI	Tisha K. Farnsworth .....WV	Martha M. Gomez, CST.....FL	Yolandra J. Hensley, CST, CSFA...ID	Daniel W. Johnston, CST, CSFA...WI
Michelle E. Dale, CST.....MN	Jillian Lynne Farrell, CST.....VA	Mark Joseph Gonzales, CST, CSFA, SA-C.....TX	Sherry L. Herd, CST.....SC	Alfonso Jones, III, CST.....TX
Janice Dalton, CST.....NY	Joy Marie Farwell, CST.....TN	Tammy Jo Gooderham, CST.....OH	Victor Orlando Hernandez, Jr., CST, CSFA.....VA	Cindy Rae Jones, CST.....WV
Amber Dawn Damron, CST, CSFA TN	Magny Fegond, CST.....NY	Paula Jean Gordon.....FL	Edward A. Herrera, CST.....NY	Jaclyn Rose Jones, CST.....IN
April Daniels, CST.....WA	Kathleen Erin Felts, CST.....FL	Elizabeth Gosalvez, CST.....CA	Darcey Laine Hicks, CST.....IL	Jamie Kay Jones, CST.....TN
Jason Thomas Daniels, CST.....GA	Keri Ann Ferraro, CST.....WA	Richard T. Gosse, CST, CSFA, PA-CNJ	Martha Beatriz Hidalgo, CST....FL	Jamie Nicole Jones, CST.....CA
Lori Lynn Daniels, CSFA.....IN	Noemi Feutrel, CST.....TX	Stephen Wayne Gourley, CST....KY	Ashley Jean Higdon, CST.....KY	Jennifer L. Jones, CST.....TX
Qualanda L.N. Daniels, CST.....OK	William Peter Fields, CST.....MA	Oksana Govdyak, CST, CSFA.....IL	Jessica Lorraine Hildenbrand, CST SC	Stephanie Anne Jones, CST.....IN
Marjaurie Darius, CST.....NJ	Joyce Marie Fifield, CST.....VT	Victoria L. Grabowski, CST, CSFA. GA	Gregory Paul Hills, CST.....MI	Genell Kaas, CST, CSFA.....IA
Linda Catherine Daroca, CST, CSFA LA	Jose Anthony Figueroa, Jr., CST NJ	Mary Elizabeth Graham, CST....NC	Sharon Lisagay Hinds, CST.....NY	Ginger R. Kalleward, CST.....IN
Amy Lynn Davis, CST.....SC	Jessica Ryan Fisher, CST.....ID	Michael Gilbert Granderson, CSTCA	Amy L. Hintz, CST.....NE	Delina Marie Kamenjarin, CST...I
Elizabeth Ann Davis, CST.....AR	Kari Jo Fitch, CST.....MN	Alma Veronica Grave, CST.....CA	Gabrielle Elizabeth Hogaboom, CST, CSA.....FL	Rebecca H. Kane, CST.....M
Harry Davis, CST.....NY	Brian Fitzgerald, CST.....NY	John Shannon Graves, CST.....TX	Robyn C. Hoggatt, CST.....MT	Peggy Lynn Kangas, CST, CSFA...FL
VanNessa Nicole Davis, CST.....TX	Jan M. Flieman, CST.....MT	Linda Marie Gray, CST.....WI	Katherine Marie Holderfield, CSTIN	Mark John Kania, CST.....OH
Lisa Ann Day, CST, CSFA, FAST.....VA	Angela Michelle Flood, CST.....IL	Lisa Gray-Brown, CST.....MD	Magda Frances Holland, CST....NY	Karen K. Keane, CST.....FL
Lorina Amaris De Leon, CST, CSFAAK	Fernando Flores, CST.....TX	Eric Green, CST.....TX	Margaret Ruth Holmes, CST.....NC	James D. Keller, CST.....TN
Sandra Tavares De Oliveira, CSTMA	Mary C. Flynn, CST.....VA	Jena E. Green, CST.....FL	Stacey Lorick Hook, CST.....SC	Michael Howard Keller, CST, CSFA IL
Debra D. De Shazor, CST.....TX	Amy Diane Foltz, CST.....KS	Cathleen Elaine Grice, CST.....CA	Toni Lynn Hoopingarner, CST, CSFA.....TN	Sarah Tilley Kelley, CST.....TX
Nichole M. DeBoer, CST.....ND	Beth Forsher, CST.....MA	Katrina Alecia Griffin, CST.....GA	Jessica Dara Hooten, CST.....TX	Melissa Marie Kennedy, CST, CSFA.....SD
Robin D. Deel, CST.....TX	Tami Lynn Fortin, CST.....CO	Melissa Marie Grimes, CST.....IA	Nathanael Shane Hornsby, CSFAGA	Kim K. Kenzy-Ulmer, CST, CSFA..SD
Tammy E. Deng, CSFA.....MI	Yvette M. Fowler, CST.....FL	Michael Allen Gring, CST.....MI	Jill Ann Horton, CST, CSFA.....IL	Janeen Marie Kern, CST.....MN
Michael N. DePaul, CST.....NJ	Jan Francis.....NY	Patricia E. Guerrero, CST.....CA	Spring Gardner Horton, CST.....SC	Vanessa Kellyn Kersey, CST.....KY
Jessica D. Devine, CST, CSFA.....FL	Thomas Robert Frank, CST.....MN	Donald Roger Guertin, CST.....MA	Angela Dawn Howard, CST.....IN	April Nichole Kesler, CST.....OH
Lana Kaye Dial.....MO	Thomas E. Franklin, CST.....NV	Keisa Renee Guillory, CST, MBA, CSPDT.....LA	Cheryl L. Howell, CST.....IN	Kimili Z. Keyes, CST.....GA
Alma D. Diaz, CST.....GA	Michelle M. Freckmann, CST...HI	Melinda Guzman-Rodriguez, CST.....CT	Jennifer A. Hower, CST.....OH	Rhonda Renay Khan, CST.....TN
David Diaz, CST, CSFA.....TX	Heather Jean Frederickson, CSTMN	Tamara Stichnoth Hagler, CST..SC	Jessica Marie Howerton, CST, CSFA.....MO	Kelley J. Kilpatrick, CST.....TX
Margarita Veronica Diaz, CST...CA	Jimmie Lee Freeman, Jr., CST...FL	Kathleen Marie Halbrook, CST, CSFA.....OK	Mary Catherine Hubbell, CST, CSFA.....MS	Margaret Trask Kimball, CST....CA
Jocelyn Crisostomo Dizon-Alward, CST	Brandy Nicole French, CST.....TN	Chris Hale, CST, SA-C.....TX	Marie G. Hughes, CST.....NY	Michael Allen Kimbell, CST, CSFA LA
Katie Elizabeth Dock, CST.....OH	Gregory V. Froelich, CST.....CA	Janette R. Hales, CST.....NV	Kay Hunt-Hunt, CST.....NC	Margaret Lynn King, CST.....NC
Patricia Faye Dodd, CST.....IN	Lyndsy Nichole Funk, CST, CSFA. VA	Cynthia Rae Hall, CST.....IA	Teresa Ann Hunter, CST, CSFA.....FL	Marlo R. King, CST.....TX
Carrie Beth Dohrn, CST.....MN	Kasinda C. Galarza, CST.....TX	Lisa Hanifan, CST.....MA	Aaron E. Hupp, CST.....WV	Kathleen Louise Kirkpatrick, CSTIL
Elisha Rannell Dolbow, CST, CSFAOK	Mildred Y. Galindo, CST.....NY	Jenny Thibodeaux Hanley, CST. LA	Tammy S. Hyatt, CST.....NC	Nicole Darlene Kittock, CST....MN
DuRonda Donnell.....AZ	Joanne Louise Gallogly, CST....CT	Marie L. Hanrahan, CST.....OH	Alyssa Hyde, CST.....IL	Erika A. Klika.....IL
Elcio F. Dos Santos, Jr., CST, CSFAMA	Jay D. Garcia, CST.....TX	Bridget Anne Hanson, CST, CSFA, FAST.....WI	Jane Kathleen Hyde, CST, CSA...PA	Amy Elaine Knight, CST.....IA
Joni Ray Downing, CST.....IN	Sherry D. Garcia, CST.....OK	Letecia Lynn Hanson, CST.....ID	Belinda Rose Ischy, CST.....TX	Raylene J. Knight, CST, CSFA.....AZ
Doreen Kay Draper, CST.....TN	Alexis Javannah Gardner, CST...TX	Jia S. Hardimon-Eddington, CSTIN	Bernard Jah-Wanza Isidore, CSTTX	David Koschney.....ND
Keitha S. Draper, CST.....LA	Melissa Rae Garinger, CST.....OR	Frank Truman Hare, Jr., CST.....TX	Julie Christine Jackson, CST.....MI	LeAnn Krieg, CST.....IN
Susan Renee Drennan, CST....NH	Amber N. Garrard, CST.....MS	John Harkness, CST.....WA	Keith Alexander Jackson, CST....CA	John P. Kwiatkowski, CST.....NY
Susan Renee Drennan, CST....NH	Jamieca Shapelle Gaskin, CST..FL	Patricia Ann Haro, CST, CSFA.....TX	Shauna Y. Jackson, CST, FAST.....UT	Christy Leah Lackie, CST.....CA
Wendy Christine Driver.....MI	Linda Alicia Gaston, CST, CSFA...TX	Laura Marie Harp, CST.....OH	Latisha C. Jackson-Gumbs, CST SC	Jeffrey Jonathan Lamb, CST....WA
Susan C. Dudek, CST.....IL	Tina A. Gates, CST.....VA	Alex Uland Harris, CST.....GA	Lolita A. Jacobs-Nimmons, CST AR	Kristina Jo Lambert, CST.....SD
Maria Concetta Duffie, CST.....VA	Knox Lynn Gattis, CST.....TX	Jenelle J. Harris, CST.....IN	Brianna Charmaine Janshen, CSTID	Tabatha LeAnn Lambert, CST...OH
Kevin Duong.....CA	Michael Kent Gay, CST.....LA	Mary S. Harris.....AL	Mark Anthony Jarman, CST.....NV	Richard Ortiz Lara, CST, CSFA.....TX
Eric John-Bryant Ebaugh, CST..DE	Aden C. Gayler, CST.....OR	Billy Edward Hart, CST.....TN	Marc Elie Jean-Jacques, CST, CSFA, SA-C.....GA	Jon Christopher Larque, CST.....TX
Marsha A. Ebetino, CST.....IN	Tina Marie Gebauer, CST.....WI	Stefanie Jo Hart, CST, CSFA.....IN	Robin D. Jefferson, CST.....FL	Jennifer Elissa Larue, CST, CSFA..IN
Dawn April Edsall, CST, CSFA.....PA	Janet Marie Gedelian, CST.....MI	Jason C. Harvey, CST.....TN	Courtney Elizabeth Jessen, CST ID	Melissa Marie Lau, CST.....WI
Susan Kathleen Edwards, CST..CA	Janet Marie Gedelian, CST.....MI	Michelle Harvey, CST.....IN	Christi Lee Johnson, CST.....VA	Tabatha Marie Laughlin, CST, CSFAIN
Vivian Edwards, CST.....TN	Jennifer Marie Gehrlein, CST...VA	Pamela Lois Hastings, CST.....TN	Jennifer R. Johnson, CST, CSFA..MS	Marc C. Lavery, CST.....CT
Eduardo L. Eguino, CST.....FL	Anbalagan George, CST, MBBS...NY	Amanda Elizabeth Hauger, CST. SD	Jennifer L. Johnson, CST.....OH	Amy C. Leake, CST, CSFA.....NV
Angela M. Elias, CST.....GA	Karen Gerwald, CST.....NJ	Shelia Laverne Hawkins, CST...TX	Jennifer Nicole Johnson, CST...TX	Sheri Michele Lecomte, CST, CSFATN
Gregory Richard Ellis, CST.....OH	Christina A. Gibbs, CST, CSFA.....KY	Kenneth Scott Hayes, CST.....NC	Laura Lynn Johnson, CST.....TX	LaShane Lynn Ledbetter, CST...AL
Robin L. Emery, CST, CSFA.....MI	Bruce E. Gibson, Jr., CST.....TX	Tonya Renee Hazen, CST.....TX	Lori A. Johnson, CST.....IN	Andrew M. Lee, CST, CSFA.....TN
Tanya Michelle Emmanuildis, CST.....FL	Georgia K. Gibson, CST.....KY	Tina M. Hebert, CST.....NY	Lyn Suzanne Johnson, CST.....TX	Jenny Lynn Lee, CST.....ME
Ruth A. Ernst.....OH	Neely Strange Gibson, CST.....SC	Jennifer L. Helberg, CST.....OH	Monique Jean Johnson, CST, CSFAIA	Shari Yvette Leftwich, CST.....TX
Rachel Errie, CST.....NY	Sabrina Gibson, CST.....VA	Laura Hellweg, CST, CSFA.....MO	Teresa A. Johnson, CST.....IL	Gina Theresa Lent, CST.....FL
Susan Marie Escamilla, CST.....CA	Kelly R. Giffin, CST, CSFA.....OH	Daniel Kenneth Helman, CST...MI		Benjamin Douglas Lenz, CST...OH
Yvonne Estepa, CST.....FL	Eric R. Gilchrist, CST.....NY	Marion Hendricks Henderson, CST.....SC		Jeffrey Allen Leonard, CST.....TX
Tabatha Marie Estes, CST, CSFA...TX	Sean Paul Gingrich, CST.....OK	Lincoln Henry, CST.....GA		Kima Leslie, CST.....AR
Courtney Nicole Evans, CST....VA	Jason Walter Glass, CST, CSFA....GA			Audrey Simone Lewis, CST.....AZ
Bridget A. Everett, CST, CSFA.....TX	Casey Jo Glassburner, CST, FAST..NE			Carol Rene Lewis, CST.....TX
Jason Faith, CST, CSFA.....WV	Robert Joseph Glick, CST, CSFA..FL			Crystal Mcfadden Lewis, CST, CSFA.....SC
Ross Allen Famous, CST.....PA	Karen Louise Goldman, CST, CSFA...MO			Huaijun Li, CST.....OR
Melissa Dawn Farmer, CST.....TX	Whitney McGuire Golladay, CSTVA			
	Aleksandr Golubok, CST.....IL			



Suzhen Li, CST..... IL	Richard Grant McClure..... KY	Christy Elizabeth O'Neal, CST... NC	Shannon Poudrier, CST, CSFA.... MA	Lyndsay Marie Rushton, CST ... IN
Catina McCoy Limehouse, CST . SC	Tracy Lynn McCuen, CST ..... FL	Kristi Obenauer, CST, CSFA..... IL	Melany Ann Powell, CST ..... OH	Wendy Elizabeth Russell, CST .. TX
Andrea Christine Lindemann, CST	Melisa A. McDaniel, CST ..... OR	Vida Ofosu-Yeboah, CST ..... NY	Melissa Ellen Prevatte, CST ..... FL	Hector Raul Saez, Jr., CST ..... CA
..... TX	Tonya Denise McDavis, CST..... IL	Judy Jane Ogaz, CST ..... CA	Stephen Fabian Proano, CST..... FL	Autumn Lynn Salagean, CST .... IN
Joan K. Linden ..... WA	Esletha R. McDonald, CST ..... MD	Nicole Okkerse, CST ..... VA	Jacqueline M. Pruitt ..... IN	Donna Carol Sammons, CST ..... KY
Jessica Lynn Lingbeek, CST .... MN	Omar McGibbon, CST ..... NY	Jamie Renee Olsen, CST ..... NE	Michael A. Pryor, CST ..... NC	Anna Lilia San Pedro, CST ..... TX
Sha Donna Linton, CST ..... MD	Laurie Ann McGill, CST ..... MO	Rachel D. Kimmons Olson, CST . FL	Amanda Lyn Putala, CST ..... ND	Norma Ann Sanchez, CST ..... TX
MiChele Lippay, CST ..... VT	Annie M. McGuire, CST ..... SD	Rosza M. Olvera, CST ..... CA	Clayton Mitchell Putney, CST, CSFA	Robert Sanchez, CST ..... CA
Darla Lipsky, CST ..... TX	Dawn Biddix McKeithan, CST ... NC	Raylon D. Opie, CST, CSFA..... FL	..... NM	Carmelo Santiago, Jr. .... NY
Joy V.K Little, CST ..... RI	Erin Theresa McLeod, CST ..... AK	Leticia Orzuna, CST ..... NY	Candice M. Pytcher, CST ..... NC	Nhora A. Santiago-Gamboa, CSFA
Lidia Lobrow ..... WA	Jackie McMillan, CST ..... NC	Jennifer Rachel Osborne, CST, SA-C	Danielle Zarins Rachilla, CST ... MI	..... GA
Melanie Ann Lock, CST ..... CO	Roxane Lea McNabb, CST..... KY	..... AZ	Abigail Rust Rager, CST ..... KY	Hector R. Santos, CST ..... NJ
Delmy Lopez, CST, CSFA ..... TX	Libby Anne McRae, CST, FAST... WA	Douglas Alan Ottman, CST..... OH	Andrew S. Ragland ..... WA	Matthew Thomas Sapit, CST, CSFATX
Lisa M. Lopez, CST, CSFA ..... TX	Robertson Louis Meaxi, CST .... NY	Eva M. Owen, CST, CSA ..... KY	Ruben Ramirez, CST ..... IN	Ranee M. Sarbacker, CST ..... WI
Cheryl Leigh Losee, CST ..... MA	Ivy C. Medina, CST ..... NJ	Iliana Noemi Pacheco, CST ..... TX	Amanda A. Rangel, CST, CSFA .... TX	Jeff Saucedo, CST ..... NY
Jean W. Louis, CST ..... NY	Guadalupe M. Medrano, CST, CSFA	Thomas R. Paden, CST ..... PA	Tanya M. Ransom, CST ..... NY	Raquel Saucedo, CST ..... TX
April L. Loula, CST ..... MN	..... TX	Denise C. Padilla ..... CA	Tracy D. Rao, CST ..... NE	Lisa Renee Saulsberry, CST, CSFA TX
Tawana Love ..... TN	Thomas F. Meisner, CST ..... NY	Elizabeth Padilla, CST ..... NC	Jennifer Christine Ratliff, CST .. TN	Roger Allen Savolainen, CST... MN
Preston William Loveless, CST WA	Kristine Mejia, CST ..... CA	Dennis Edmund Paige, CST, CSFACO	Jason Andrew Rebic, CST, CSFA .. IN	Geneva Vern Sbonik, CST ..... WI
Boyd Edward Lovingood, III, CSTIN	Luis Manuel Mejia, CST ..... CA	Brooke C. Palanzo, CST ..... CT	Laurie D. Rector, CST ..... FL	Julie Lynn Schaefer, CST ..... NJ
Ginger K. Loy, CST ..... GA	Ediberto A. Mendoza, CST ..... CA	Mauricio Alfredo Palma, II ..... NV	Linda Jane Reed, CST ..... TX	Kathleen A. Schaefer ..... LA
Elena Lubowsky, CST, CSFA ..... OK	Omar J. Mercado, CSFA, SA-C .... FL	Kathrin Ann Panos, CST ..... FL	Sharon Louise Reeder, CST ..... OR	Sylvia M. Schankereli, CST ..... TX
Alexander J.C. Lucard, CST ..... GA	Laura K. Meredith, CST, CSFA..... TX	Stephanie Diane Park, CST ..... GA	Susan Reel, CST ..... FL	Terri A. Scheller, CST ..... IN
Merritt Kay Lucas, CST ..... SC	Bridget Yvette Mielke, CST ..... TX	George Robert Parker, II, CST, CSFA	Robbin L. Reeves, CST ..... SC	Breanna Sue Schewe, CST ..... MN
Gaylin S. Luce ..... WA	Marie Elena Miller, CST ..... IN	..... FL	Randi-Kay Reno, CST, CSFA ..... TN	Terri L. Schilling, CST ..... IN
Sabine E. Lueneburg ..... GA	Jay Mirelez, CST, CSFA ..... TX	Greggery Oneil Parks, CST ..... NV	Sheila Ann Reu, CST, CSFA ..... OK	Nichole Ann Kottke Schram, CSTWI
Sarah Ann Luettel, CST ..... MN	Staci Lien Mitchell, CST ..... TX	Michael Wayne Parks, CST ..... IN	Jenny Rose C. Reyes, CST ..... CA	Lori A. Schroeder, CST ..... IN
Enrique Luna, CST, CSFA ..... TX	Tara Re Modjewski, CST, CSFA.... NC	Sunand P. Parmar, CST ..... IL	Robert Reyes, CST ..... NV	Donna Arrowood Schronce, CST NC
Jamie Lee Luttrell, CST, CSA ..... CO	Geoffrey T. Modlin, CST ..... OK	Carolyn Sue Parr, CST ..... OH	Beth M. Rice, CST, CSFA ..... VA	Rebecca A. Schultheis, CST, CSFAVA
Luz E. Lutz, CST ..... NY	Jean M. Moglia, CST ..... WI	Nancy Bartlett Parra, CST ..... TX	Julie Ann Richardson, CST ..... IN	Jackie Lynn Schumaker, CST, CSFA .
Nhung Luu ..... CA	Angela Denise Montgomery, CST	Dawn P. Parson-Sykes, CST ..... CT	Nichole Christine Richey, CST . MO	..... GA
Brian William Lydon, CST ..... MA	..... AR	Hareesh P. Patel, CSFA, SA-C..... NJ	Charles Arthur Rideout, CST... ME	Jessica D. Scott, CST ..... OK
Rhonda Lee Lyon, CST ..... OK	Amanda Moore, CST ..... TN	Paresha Patel, CST ..... MA	Jeanne Rieger, CST ..... IN	Lanae Wynne Scott, CST, CSFA .. OH
Belinda Marie Mabry, CST, CSFA. CO	Anita Y. Moore, CST ..... IL	Anthony A. Patterson, CST ..... NC	Danielle L. Rigbsby, CST ..... PA	Lindsay Rae Searle, CST ..... ID
Nicholas J. Mabry, CST, CSFA .... OH	Kristina M. Moore, CST ..... SC	Tina Marie Patterson, CST ..... NY	Benjamin Rios, Jr., CST, CSFA..... TX	Karen Sue Seessengood, CST, CSFA
Pamala Jean Mackinruth, CST . TX	Susan Linley Moore, CST ..... ME	Sara Olivia Payne, CST, CSFA..... KY	Edward A. Riva, CST ..... CA	..... IN
Angela Marie Maday, CST ..... MI	Gloria Morales-Perez, CST, CSFA TX	Sheila Payne, CST ..... NY	Edgar L. Rivas, CST ..... CA	Robert B. Seitel, SA-C..... OH
Laura Marie Madden, CST ..... IL	Kathy Lynn Morris, CST ..... AL	Barrington G. Peart ..... NC	Justin Christopher Rizzo, CST ... CA	Michelle Stephanie Senius, CST NJ
Michiyo Maeda, CST ..... PA	Geralann M. Mortensen, CST ... NY	Kaitlynn V. Pelletier, CST ..... SC	Shelly Roach, CST ..... OH	Javier Serrano, CST ..... CA
James Magalong, CST ..... NJ	Michal Moskaliiev, CST, CSFA ..... IN	Darcy Pena, CST, CSFA ..... NM	Renee L. Robbins, CST, CSFA ..... TX	Diane Barbara Sexton, CST ..... NY
Albert J. Magdaleno, CST ..... CA	Esmeralda Mucollari, CST ..... NY	Kaylin Renee Peña, CST, CSFA... GA	Heather Renee Roberts, CST.... IN	Rebecca Suzanne Shadrick ... MO
Nayri Majarian-Smothers, CST. CA	David A. Munro, CST ..... NY	Yvette Lynn Pena, CST ..... TX	Deborah L. Robertson, CST..... GA	Trista M. Shafer, CST ..... TX
Kelly Pippel Makus, CST ..... WA	Pamela Kay Murphy, CSFA..... TN	Tabitha L. Pepek, CST ..... NC	Chevas R. Robison, CST ..... SC	Cassie Sue Shaff, CST, CSFA..... IN
Holli Marie Malburg, CST, CSFA .. MI	Ashley Christine Murray, CST... GA	Robert G. Perea, CST ..... NM	Cami Rodgers, CST ..... UT	Vivek H. Shah, CST ..... IL
Kristina Marie Malecha, CST... MN	Rosalyn Murray-Salmon, CST .. NY	Diana Loreta Perez, CST, SA-C ... FL	George S. Rodriguez, CST ..... TX	Darla Dianna Shanks, CST, CSFA . TN
Keesha Marmande, CST ..... NV	Rebecca Music, CST, CSFA, FAST .. NV	Luciana Perez, CST ..... ME	Jacquelyn B. Rodriguez, CST.... IL	Susan D. Sheets, CST, RN, CNOR .. IN
Stacy Marquez, CST ..... CA	Kimberly Dawn Naili, CST, CSFA MS	Lisa Kay Perkins, CST ..... ME	Amy Tillery Rogers, CST ..... TX	April Hannah Shelton, CST, CSFA NC
Jill K. Marsala, CST, CSFA ..... CO	Eric Andrew Nay, CSFA ..... CO	Tiffany L. Perry, CST ..... TX	Brooke Christine Rogers, CST.... IA	Gail Lynn Shepley, CST ..... TX
Chelsey Patrick Martin, CST, CSFATN	Angelee A. Ndegwa, CST ..... NE	Kristy Ann Peterson, CST ..... WI	Yelena A. Rogozhina, CST ..... SC	Dana Lee Sheppard ..... PA
Lia M. Martin, CST ..... OH	Joan Hayles Nelson, CST ..... AL	Deirdre Ann Pfeffer, CST ..... CA	Tiodoro Rojas, III, CST, CSFA..... TX	Milinda Marie Shortridge, CST . GA
Yolda Ann Martinez Garcia, CST,	Sandra L. Ney ..... PA	Brandy Phillips-Heslen, CST .. WA	Evrita Eldean Romero, CST ..... WA	Stacey Jean Shotts, CST ..... IN
CSFA ..... TX	Latrice Lashelle Nganga, CST ... FL	Comfort L. Pickens, CST ..... TX	Michele Liane Romero, CST ..... AZ	Vanessa Marie Sias, CST ..... TX
Amber Marie Martinez, CST .... MN	Jody Lynn Nichols, CST ..... NC	Toby Lynn Pickens, CST, CSFA .... CO	Rafael Romero, CSFA ..... MD	Justin David Silva, CST ..... TX
Jeannie L. Martinez, CST ..... VA	Elizabeth L. Nickum, CST ..... SD	Maria Sue Piedra, CST ..... TX	Amanda Rorick, CST ..... IN	Kevin M. Silverstein, CST, CSFA.. IN
Paul A. Masciola, CST, CSFA..... IL	Whitney E. Nobis, CST ..... OH	Juan A. Pilarte, CST ..... NY	Elizabeth W. Rosenbaum, CST.. VA	Julijana Simjanovski, CST ..... MI
Marina Masisian, CST ..... CA	Myriame Lafortune Noel, CST . MA	Leslie Gayle Pine, CST ..... PA	Heather Renae Ross, CST ..... IN	Stephanie L. Simms, CST ..... MS
Alisa Masters, CST ..... TX	Kelly Hope Nolan, CST, CSFA .... OH	Amy Harwell Pinkerton, CST .... OK	Kathy R. Ross, CST ..... TX	Sharon Kay Simpson, CST ..... OK
Jeannette Michelle Masters, CSTCO	Meghan Shea Norris, CST ..... TN	Luz Z. Pino, CST ..... FL	Paula I. Rourke, CST ..... NH	Doreen L. Singer, CST ..... FL
Stephen David May, CST ..... UT	Katherine A. Norton, CST ..... ME	Patricia Guadalupe Pollard, CST CA	Kim Lee Routt, CST, CSFA..... MO	Teresa Marie Singleton, CST ... OH
Jennifer Elizabeth Mazey, CST.. TX	Wendy Kay Norton, CST ..... OH	Tina L. Pollex, CST ..... WI	Laurie Elizabeth Roy, CST ..... GA	Walter A. Singleton, CST ..... NY
Rhonda Lynn Mazzo, CST ..... CA	Isabel Maria Nungaray, CST ..... CA	Donna Catherine Polnac, CST ... TX	Andrea Rueden, CST ..... WI	Laurie Kay Skaggs, CST, CSFA .... MI
Urcillyn Andrea McPhail, CST ... NY	Carolyn Nytroe, CST ..... MN	Erica J. Poole-Harmon, CST ..... TX	Valerie S. Ruhl, CST, CSFA ..... PA	Tracy L. Skarritt, CST, CSFA..... MI
Thoni McBee, CST ..... FL	Elaine O'Connell, CST ..... FL	Emmalene Michelle Pooler, CSTME	Aletha Rush-Sanford ..... NC	Nicole L. Skwarek, CST ..... IL
Cintia C. McCann, CST ..... FL	Patricia J. O'Connor, CST ..... OH	Marisa Lynn Potter, CST ..... IN	Regina Clark Rushing, CST ..... GA	Michelle L. Slayton, CST, FAST .. MT



Jennifer Lynn Slocum, CST..... MA	Timothy Michael Swartz, CST... OH	Marina Vulfson..... FL	Chrysanna Huhlewych Woroch, CST..... NY	Alexander Betancourt, CST..... NJ
George Emanuel Smaragdakis, CST..... NJ	Jennifer L. Sweeney, CST..... MA	Darby A. Wacker, CST, CSFA..... MN	Angelica Worst, CST..... CA	Elizabeth A. Bevis, CST..... OH
Amy Beth Smeathers, CST..... KY	DeeAnna Swift, CST..... WA	Lynn Marie Wade, CST..... MN	Carrie Wyatt, CST..... NC	Robert Glenn Blackston, CST, CSFA, FAST..... ID
Wendy Lea Smiley, CST, CSFA..... FL	Naomi F. Swift, CST..... WA	Sharon Michelle Wadford, CST... IL	Kaprea Wyatt, CST..... AZ	Linda A. Blume, CST, CSFA..... WI
Aloma Elaine Smith, CST..... TX	Beth Laurie Sykes, CST..... MT	Michelle Ann Wagner, CST..... PA	Elizabeth Anne Wynn, CST..... FL	Lindsay Renee Bohnett, CST... MN
Candace O. Smith, CST, CSFA..... OH	Alison MP Sylvestre, CST..... NY	Suzi M. Wagner, CST..... NC	Norris Wynter, CST..... NJ	RJ Bollinger, CST..... ID
Carolyn Louvette Smith, CST.... GA	Ashley Raquel Ta, CST..... TX	Amber Michele Wakefield, CST PA	Brandie L. Yanke, CST, CSFA..... WI	Ruth J. Borah, CST, FAST..... NM
Casey Ann Smith..... TX	Dana Joy Tackett, CST..... MS	Nanette Michelle Wakim, CST... CA	Jason M. Youmans, CST..... GA	Doris Borello, CST..... NY
Delicia Kenethea Smith, CST.... TN	Nellie Pearl Talbot-Warmbein, CST..... MI	Desiree Allison Waldron, CST... NY	Allison Williams Young, CST.... GA	Jacque Arlin Boutwell, Jr., CST, CSFA..... TX
Elizabeth Ann Smith, CST, CSFA. OH	Robert Martin Teriaco, Jr., CST.. NY	De Shon R. Walker..... AR	Brett Wayne Young, CST, SA-C... FL	Alison L. Bowen, CST..... FL
Ginger J. Smith, CST..... IN	Brendan J. Terrien, CST..... MI	Jami Leigh Walker, CST..... MO	Julie D. Zanetti, CST..... MD	Cyndi Y. Bowling, CST..... IN
Jeffrey John Smith, CST, CSFA.... FL	Linda Jo Terry, CST..... AK	Sybil Carolyn Walker, CST..... NY	Diane Marilyn Zerner, CST..... NJ	Virginia M. Boyd, CST..... MS
Jessica Leanne Smith, CST, CSFA PA	Felicia Thomas, CST..... NY	Caron B. Wall, CST..... MS	Priscilla Ann Zertuche, CST..... TX	Lisa Kaye Braden, CST..... MO
Lisa Marie Smith, CST..... IN	Karlina Marilyn Thomas, CST... CA	Thomas P. Wall, CST..... NY	Michele Zetka, CST..... NJ	Nicole Yolanda Brannon, CST... SC
Lori Elizabeth Smith, CST, CSFA... GA	La Nita Marie Thomas, CST..... WA	Megan J. Walstra, CST..... IN	Nina Zivkovic, CST, CSFA..... PA	April Dawn Bray, CST..... KS
Paul W. Smith, CST, RNFA, LVN, RN, CNOR..... TX	Laurie M. Thomas, CST..... IL	Elizabeth C. Wang, CST..... CA	Stanley W. Zurek, III, CST..... CT	Rachel Renae Breland, CST..... TX
Rebecca Kathleen Smith, CSFA. KY	Matthew Todd Thomas, CST..... TN	Loise W. Wango, CST..... TX		Shea Nichole Brewer, CST..... MS
Shannon Eddins Smith, CST, CSFA, FAST..... TN	Nicole Michelle Thomas, CST... NV	Lisa Lane Washington, CST..... FL		Steven L. Brice, CST..... NY
Tiffany Christina Smith, CST, CSFATN	Tameka L. Thomas-Henry, CST MS	Eric Javier Wassner, CST, CSA.... TX		Renee Suzanne Bridges, CST... NC
Traci Smith..... IL	Lindsay Rea Thompson, CST.... IN	Amy Melissa Waters, CST..... GA		Kristie Lynn Brindley, CST..... NC
Vernell M. Smith, CST..... NY	Sheryl L. Thompson, CST, FAST.. WI	Robin Brittany Waters, CST..... ID		Jaime Marie Brodsky, CST, CSFA MD
Angela Marie Snyder, CST..... IN	Tina Thompson, CST..... TN	Deborah Lee Webb, CST, SA-C.... FL		Pamela Brookshire, CST..... NC
Meagan Jennifer Snyder, CST... NC	Laura R. Tiffany-Harrod, CST, CSFA..... TX	Bonnie M. Weiler, CST..... WI		Melissa J. Brothers, CST..... IN
Kristin Marie Soares, CST..... CT	Jean Marie Tighe, CST..... MD	Jennifer Weiner, CST..... OH		Crystina Simpkins Brown, CST, CSFA..... NC
Carol Ann Solo, CST..... TN	Brigitte Tischhauser, CST..... CA	Deanna Nomia Welker, CST..... IA		Darrel L. Brown, CST..... LA
Sadraach A. Solomon, CST..... FL	Laura Ann Toothman, CST..... PA	Jason Cline Wellington, CST, CSFAGA		Victoria Nicole Brumfield, CST OH
Wendy K. Sommers, CST..... MN	Alejandra Torres, CST..... TX	Julie Anne Welter, CST..... KS		Dorothy Buckley-Dent, CST... MA
Henry Clayton Sonoda, II, CST.. IN	Connie Torres, CST..... TX	Kristie Michele Wendt, CST, CSFA TX		Amanda Marie Bull, CST..... PA
Gertrude Clare Soto, CST, CSFA... TX	Jose Miguel Torres, CST, CSFA.... FL	Mary B. Werner, CST..... CO		Audrey Marie Buna-Tarpley, CSTCA
Lisamarie Soundias, CST..... NY	Rosa Iris Torres, CST..... TX	Ninotte Apollon Wesh..... NY		Lorrie Ann Burkhart, CST, CSFA... IN
Karen Marie Spann, CST..... AL	Joan Lauren Trammell, CST, CSFAIN	Claire Marie Wessel, CST..... IN		Dana Laura Burns, CST..... PA
Nancy Elizabeth Spellman, CST CA	Diana R. Trevino, CST..... IL	Jennifer Ann Westfall, CST..... TN		Lisa Ann Butler, CST..... GA
Debra J. Spencer..... CT	Lisa Y. Tucker, CST..... SC	Sheila R. Wetzel, CST, CSFA..... OH		XiaoJun Cai, CST..... GA
Tressa R. Splonskowski, CST... ND	Veronica Tule, CST..... FL	Lindsey Michelle Wilbur, CST... LA		Sandra M. Camarillo-Chapa, CSTTX
Jerry R. Sporer, CST..... TX	Carolyn Marie Turner, CST..... MI	Kevin Lee Wiley, CST..... IN		Erin Patricia Campanirio, CST.. NH
Elizabeth A. Springer, CST..... NY	Lori A. Turner, CST..... IN	Chelsea M. Wilkins, CST..... IN		Margaret Campbell..... GA
Michael A. St. Clair, CST, CSFA.... TX	Holly Denise Turrentine, CST, CSFA..... AR	Amy Christine Willeck, CST.... MN		Thomas G. Cappos, CST..... IL
Loretta Grace Starks, CST, CSA... TX	Debra Jeanne Uchida, CST..... TN	Alix R. Williams, CST..... AL		Belinda Carmona, CST..... TX
Charlie Steele, Jr., CST, CSFA..... CO	Jing Ulangkaya, CST..... CA	Angela C. Williams, CST, CSFA.... FL		Mark Anthony Carney, CST, CSFA TX
Tara N. Stefanac..... TX	Jamie Beth Unkel Wolff, CST... NE	D-Netra Williams, CST..... LA		Jaymie Evangeline Carolan, CSTMN
Susan B. Stevens, CST..... ME	Jodi L. Upton, CST..... OK	Darcie Lea Williams, CST..... MO		Cristina Carradero, CST, CSFA.... FL
Marithza Stewart, CST..... NY	Luis E. Vallejo, CST..... NJ	Jonathan L. Williams, CST..... WA		Andrew John Carroll, CST..... FL
Jennifer L. Stojkovich, CST..... IL	Tammy R. VanDyke, CST..... MI	Karen Dale Williams, CST..... KY		Sara Michelle Carvalho, CST... NH
Jennifer S. Storms, CST..... KY	Katie VanDyne, CST..... CA	Yolanda Y. Williams-Newton.. TX		Martin J. Casillas, Jr., CST..... FL
Kristie Lynn Stout, CST..... IN	Anca Elena Vanetea, CST, CSA, LSA..... TX	Bridget Ann Wilson, CST..... IN		Michael P. Catlin, CST..... AZ
Leslie Ann Stout, CST..... ID	Lori K. Vann, CST..... TX	Khailah K. Wilson, CST..... TN		Kimberly Ann Cehi, CST..... FL
Steven Street..... OK	Heather M. Vannah, CST, CSFA, FAST, RN..... ME	Tara Michelle Wilson, CST, CSFA.. IN		April Tia Chappell, CST..... SC
Cozette Marie Stricklin, CST..... IL	Brooke Ann Varga, CST, SA-C.... NH	Tina Darlene Wilson..... ID		Julie Shannon Chartrand, CST.... IL
JoAnn Theresa Strokis, CST..... SC	Heather Venise Velasco, CST... TX	Deanna Lynn Winchel, CST..... MT		Martha P. Chavez, CST..... OH
Teresa Louise Struebig, CST..... UT	Ruth Cecilia Velecela, CST..... NJ	Misty Michelle Winkler, CST, CSFA..... KY		Dolores Anne Cheek, CST..... TX
Irina Struk, CST..... OH	Chad Robert Vercimak, CST.... WI	Bobby Winner, CST, CSFA..... TX		David Choi..... NY
Mckensie Leigh Stutzman, CST. NE	Diane Jo Vidrios-Zieminick, CSTPA	Nicole Xander Winters, CST, CSFANV		Maria Anatolievna Chopoff, CSTCA
Terri Styles, CST, CSFA..... NH	Lana J. Vigil, CST..... CO	Dennis Glen Winton, CST..... TN		Jillian Fitzgerald Chretien, CST ME
Shawna Michele Suk, CST..... IA	Amy Lynn Vinton, CST..... NE	Dagirlea Withers, CST..... TX		Stephanie Anne Cibroski, CST.. OH
Rosinda Sullivan, CST..... CA	Jaime Viramontes, CST..... TX	Brandy Nicole Witmer, CST..... MI		Amy Marie Clair, CST..... MO
Tara Sullivan, CST..... GA	Carey Anne Virgilio, CST..... FL	Sharon A. Witt, CST..... TX		Steven Douglas Clark, CST..... AL
Toni Michele Sullivan, CST..... TX	Jennifer Rae Vos, CST..... MN	Heather Leighanne Woods, CST SC		Amanda L. Claus, CST..... MO
Abdul L. Suma, CST..... TX	Mario Antonio Voza, CST, CSFA.. TX	Terrina Lenore Woods, CST..... WA		Crystal Cleveland, CST..... IA
Kelly Marie Summerfield, CST.. MI		Brandi J. Woodson, CST..... TX		Charlotte A. Cloyd, CST, CSFA... OH
Jessica Sumner, CST..... NC		Michael R. Woolhiser, CST..... MO		Cindya Coffey, CST..... NJ
Violanda Marie Suthann, CST... FL		Marvin J. Wooten, Jr., CST..... TX		

## 21+ YEARS

Erin Patricia Abel, CST..... IN	Matthew Adams, CST..... MO	Anthony Okorie Agholor, CST... TX	Kwasi Mensah Aird, CST..... SC	Guybenso Alexandre, CST..... FL	Julie A. Allen, CST..... MA	Linda Rae Altermatt, CST, CSFA, CSA..... MN	Argenis Antonio Alvarez, CST... GA	Tomacine Aurora Alvarez, CST.. NY	Jean-Francois Luckner Amazon, CST..... MA	Daryl Lee Anderson, CST..... TX	Debra Anderson, CST..... NC	Paula J. Anderson, CST, CSFA.... MI	Heldar Carlos Araujo, CSFA..... MA	Shadie Johnson Archer, CST.... LA	Maria D. Arellano, CST..... TX	Mandi R. Atwell, CST..... OK	Stephanie Emmaline Austin, CST, FAST..... TN	Tammy M. Aycocke, CST, CSFA... NC	Erin Elizabeth Baber, CST, CSFA... IA	Kimberly Anne Bachman, CST.. MN	Ryan James Barber, CST..... WV	Lori Barclay, CST..... WA	Tammy Marie Bard..... ME	Michael D. Barkas, CST..... FL	Nilyn A. Barnard, CST..... MI	Angela E. Barnes, CST, CSFA.... MO	Margaret Barq, CST..... MS	Megan Marie Bartelt, CST..... IL	Mark Daniel Bass, CST..... TX	Andre Baudoin, CST, CSFA..... LA	Jennifer Bault, CST..... NE	Nicole Chantill Baum, CST..... MI	Paulette Paulette Bee, CST..... TX	Ruby L. Beebe-Stimson, CST... TX	Laura Suzanne Bell, CST..... SC	Sharon Bell, CSFA..... MI	Denise Alene Bennett, CST..... WA	Christen M. Benton, CSFA..... GA	Jennifer M. Bernal, CST, CSFA.... AZ	Allison Heather Bertini, CST.... CT
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April N. Cole, CST.....OK	Dana Clifford Fernandez, CST... TX	Annie M. Heard, CST, CSFA..... AL	Michelle Marie Kennedy, CST, SA-C	Debra L. McCray..... MI
Christi Lynne Cole, CST..... SC	Tania Figueredo, CST..... FL	Julie Anne Heike, CST..... ID	..... IL	Elaine Carol McDonough, CST.. CT
Raetta Starnes Coleman, CST, FAST	Angela Theresa Finch, CST..... WI	Tera M. Hendrick, CST..... OK	David Scott Kernodle, CST..... AR	Amy L. McEneaney, CST..... NC
..... CST..... TX	Beth A. Findlen, CST..... ME	Desiree L. Henning, CST..... IN	Hillery Gabrielle Key, CST, CSFA.. TX	Charisse Lynn McGill, CST..... MN
Jason Colwell, CST..... TX	Melody Fiore, CST..... NY	Rayon Henry, CST..... NY	Timothy R. Key, CST, CSFA..... GA	Christopher McGriff, CST, FAST.. MN
Lynn A. Conant..... MA	Mary Kathryn Fisher, CST..... PA	Nelson Herbie Hernandez, CST. CA	Yvonne T. Kincaid..... MS	Tonya R. McGuffin, CST..... SC
Wendy Connor, CST..... MA	Stephanie J. Fisher..... MN	Marly Denise Herrera, CST..... CA	Tina Christine Kinney, CST..... TX	Donna M. McMorrough, CST.... SC
Judith C. Conway, CST..... OH	Monty Lee Ford, CST, CSFA..... CA	Mattie Ruth Herring, CSFA..... GA	Melissa J. Kirby, CSFA..... MI	Jill M. Megdall, CST..... MI
Holly Michelle Cooper, CST, CSFA SC	Sandie Ann Fornaby, CST..... FL	Lorie Ann Herth, CST..... TX	Ylonda L. Kirmss, CST..... SC	Stevenay L. Mendez, CST..... WA
Lyndsay Diane Cornell, CST..... IN	Julie Elizabeth Forshee, CST.... TN	Bert Lawrence Hetrick..... IL	Brian David Kittelson, CST, CSFAMN	Gwen Metallides..... PA
Felix Coronado, CST, CSFA..... TX	Whitney Foutz, CST..... UT	Jennifer Ann Hill, CST..... MI	Heather Lesley Kitzmiller, CST.. IA	Angela Lea Meyer, CST..... MD
Maria L. Cortes, CST..... IN	Angelina Francis, CST..... NY	Jennifer Annette Hohman, CST. MI	Susan Ann Klinect, CST..... NC	Tracy Dean Mickelsen, CST, CSFA ID
Jo Lana Cota, CST, FAST..... FL	Cooper Franklin..... OR	Jessica C. Holder, CST..... FL	Erica Brooke Klinger-Zinn, CST TN	Brandi Elliott Miller, CST..... NC
Darlene Courtemanche, CST.... NC	Kendle D. Frazier, CST..... TX	Jennifer Bethune Holland, CST. FL	Lorianne Lizette Klobofski, CST MT	Hazel J. Miller, CST, CSFA..... TN
Tanika Donuelle Criner, CST..... FL	Roy Wayne Freeman, CST..... NC	Kimberly D. Holmes..... MS	Kristi L. Kornder, CST..... MN	Wendy Michele Mills, CST..... TX
Monica Clare Cross, CST..... SD	Christin Renee French, CST..... OK	Cheryl W. Holzer, CST..... AR	Melissa Ann Krassin, CST..... MN	Jessica Lynn Miranda, CST..... PA
Shelbie Lea Cross, CST..... TN	Maite S. Frohman, CST..... FL	Kenya Charisse Hooper, CST.... NC	Kimberly J. Krogen, CST..... ND	Stephanie J. Mitchell, CST..... IN
Jean Marie Culley, CST..... MD	Chancey Causey Funderburk, CST	Mark Brandon Horn, CST..... CO	Katarzyna H. Krzyzak, CST..... NY	Veronica Montenegro..... NV
Brittney Ann Cunningham, CST FL	..... NC	Rick A. Horne, CST..... NE	Jennifer L. Laddusire, CST..... MO	Cecilia M. Mook, CST, CSFA..... GA
Ashley C. Curtis, CST..... NE	Sharon C. Gadsden, CST..... SC	Mark Andrew Hostios, CST, CSFA AL	Melissa D. Ladner, CST..... MS	LaTrea Michelle Moore, CST.. MI
Nicole D. Cutten, CST..... OK	Karen Gahan, CST..... TX	Enriqueta A. House, CST..... TX	Kimberly Lafountain, CST..... VA	Natasha A. Moore, CST..... NJ
Jana Lynn Cvancara-Olson, CST ND	Cari A. Gallagher, CST..... OH	Courtney Lynne Houser, CST.... NC	Amber Michelle Lambert, CST.. TX	Emily Marie Morgan, CST..... CA
Nancy A. Cwikla, CST..... CO	Jerilyn Lynette Garcia, CST, CSFA TX	Barbara Housum, CST..... OH	Mary Ethany Lambert, CST, SA-C MI	David Moriel..... CA
Andy A. Damon, CST, CSFA..... ME	Nidia Garcia, CST..... TX	Stephen Alex Huebner, CST.... OR	Nicole Lambert, CST..... FL	Harvey N. Mosqueda, CST..... TX
Felicia Dawn Damon, CST..... FL	Jessica Marie Garner, CST, CSFA WA	Felicia Huerta, CST..... CA	Christopher A. Lazuka, CST, CSFAMA	Joanne Michele Mott, CST..... NJ
Michael A. Dancy, CST, CSFA..... FL	Sarah Formyduval Garner, CST.. GA	Susan J. Hug, CST..... SC	Jennifer Irene Lee, CST, CSFA.... TX	Elizabeth Mueller, CST..... AZ
Kelly T. Daniels, CST..... NV	Anna Marie Gawloski, CST, CSFA. WI	Linda Rose Hughes, CST, CSFA... TN	Thomas Patrick Lehecka, CST.. WA	Angela Lynn Mull, CST, CSFA..... MI
Stephanie Jean Darling, CST.... OK	Becky Lynne Geer, CST..... TX	Kimberly D. Hunt, CST, CSFA..... FL	Manuel Vicente Leyva, Sr., CST,	Lisa Renee Mullens, CST..... MI
Frank C. Davis, CST, CSFA..... KY	Kathryn M. General, CST..... NC	Martha L. Hutchinson, CST..... MA	CSFA..... TX	Jose Luis Munoz, Jr., CST, CSFA... TX
Demetrias Lasasha Dawson, CST GA	Anastasija Gensollen, CST..... NJ	Leaschia F. Irvin, CST..... MO	Nicole Lindorfer, CST..... NJ	Sandra Lynn Mystic, CST..... HI
Linda M. De Marco, CST..... CO	Brittany L. Gerringer..... NC	Lisa A. Ison, CSFA..... OH	Amy Nicole Livek, CST..... IL	Cecilia Foawah Nartey, CST..... TN
Carrie Dawn DeLine, CST, FAST.. MA	Anne Marie Jaeger Gill..... FL	Jacquetta C. Jackson, CST, CSFA.. TX	John Paul Lopez, Jr., CST, CSA.... TX	Kathlyn K. Nauta, CST..... UT
Jolinda Diaz Soto, CST..... KY	Lavon Veda Gillard, CST..... FL	Andrea Marie Jacobs, CST..... IA	Laura Christine Louthan..... IN	Kathryn Anne Naylor, CST, CSFA.. IN
Lauren Catherine Dickson, CST MS	Irma Gonzalez, CST..... TX	Lori L. Jacobs, CST..... MI	Amanda M. Love, CST..... SC	Kimberly Diane Neely, CST, CSFAGA
Peter Charles DiStefano, CST.. NH	Delores D. Goodwin, CST..... SC	Rachel Marie Javes, CST..... MN	Holly Anne Lovelace, CST..... SC	Sherry Negron, CST..... TX
Jennifer Dotlich..... WA	Janice M. Gray, CST..... AZ	Anne-Marie K. Jean-Pierre, CST CT	Melisa Dawn Lowder, CST..... SC	Shawna Neill, CST..... NC
Trula Johannah Dowdy, CST..... CO	Jennifer Diane Green, CST..... TN	Jason Paul Jefferis, CST, CSFA... OH	Humberto Lozano, CST..... CA	Janet Susan Newhart, CST..... NV
Jenni Drolet, CST..... WI	Tinita L. Green, CST..... TX	Jennifer M. Johns, CST..... IN	Joyel Annette Lucas, CST..... IN	Sherri L. Nicodemus, CST..... PA
Leslie Lynn Duke, CST..... UT	Lakema S. Greene, CST..... VA	Anita Denise Johnson, CST..... AZ	Debbie Luevano, CST..... KY	Alyssa Carmona Noel, CST..... FL
Marie S. Dupervil-Jean, CST.... NY	Theresa Michelle Grey, CST.... GA	Demetrias Andria Johnson, CST GA	Marsha N. Lyles, CST, CSFA, FAST MT	Lorri Michelle O'Brien, CST..... CO
Casey T. Dutt, CST..... OH	Tara A. Griffin, CST..... TX	Deneanne Esther Johnson, CST CO	Teisha Marie Macon, CST, CSFA.. TX	Teresa Lynn Oakley, CSFA..... OH
Daniel Edward Dyer, CST..... CO	Michelle Griffith, CST..... IN	Haley C. Johnson, CST, CSFA..... GA	Hilda Grace Malave, CST..... NY	Kimberly Sue Oldham, CST..... PA
Mary Kay Edwards, CST..... IN	Heather F. Griswold, CST..... MA	Jane A. Johnson, CST..... NC	Gilbert Alcantara Manapat, CST,	Nina Olsen, CST..... OR
Imogene Marie Eichelberg, CST IN	Mitzi A. Gunn, CST..... TX	Laurie Ann Johnson, CST..... MN	CSFA..... AZ	Folajimi A. Onisile, CST..... NV
Michelle Leigh Eisenhauer, CST. IL	Laura L. Guzman, CST..... CA	Susan Louise Johnson, CST..... TX	Michelle L. Mangini, CST..... MA	Jerussa Katia Orams, CST..... SC
Doreen Ellis, CST..... TN	Hannah J. Haddad, CST..... WV	Christine L. Jones..... FL	Janet Marie Marcantel, CST..... LA	Cynthia Tracy Owensby, CST.... NC
Kelly Dean Ellis, CST..... AZ	Richard Wayne Hadley, CST.... OK	Donna M. Jones, CST..... IN	Annique Renee Marceau, CST.. CA	Federico M. Pabon, CST..... UT
Patricia S. Ellis, CSFA..... NC	Mary E. Haggard, CST..... TN	Juanyega Shuntel Jones, CST... LA	Alexandro Mares, CST..... CA	Jeanine Joan Pagan, CST, CSFA... PA
Melissa Sue Engan, CST, CSFA... MT	Lisa Kay Halford, CST..... IA	Kristi Lynn Jones, CST..... OH	Heather D. Marine, CST, CSFA.... IN	Emil Palor, CST..... CA
Amy Cora Engleman, CST..... OK	Julia Haliburton, CST..... OK	Stephanie E. Jones, CST..... SC	Christy Dawn Marion, CST, CSFA. KY	Brittany Leigh Panzarino, CST.. CA
Angela Enlow, CST, CSFA..... MO	Amanda Kay Hall, CST..... OH	Ebony Renee Jones-Spencer, CST	Tammy Lee Marjerrison, CST... MT	Melissa Parente..... CT
Heather Lyn Esch, CST..... AL	April L. Hall..... NC	..... GA	Laura E. Mart, CST..... OR	Jennifer C. Parrigan, CST, CSFA... TN
Veda Nerisa Pagaduan Esdicol, CST	Divana Diane Hall, CST, CSFA..... GA	Tina M. Jordan, CST..... AL	Shonda Lynnette Martin, CST, CSA	Jasmi Parsigian, CST..... CA
..... HI	Amanda Robertson Hamill, CST WV	Kimberly Milkereit Jorgensen, CST	..... TX	Monik J. Patel, CST..... IL
Lesari B. Espino, CST..... HI	Carla Maria Hamilton, CST..... FL	..... NE	Ann Marie Martinez, CST..... NY	Tina M. Patterson, CST..... GA
Derek Steven Evans, CST..... NC	Gina S. Hancock, CST..... OK	Crystal Roxanne Joyner, CST.... GA	Jacob N. Martinez, CST, CSFA..... GA	Marney Lynn Paul, CST..... ND
Susan Diane Evans, CST..... FL	Teri Lynn Harbert, CST..... IN	Nalani Mahalani Kalawe, CST... SC	Sarah Martinez, CST..... TX	Karen Elizabeth Peck, CST..... IL
Kimberly A. Evenson, CST..... CA	Emily Marie Harrison, CST..... VA	Julie Anne Kanode..... VA	Robin R. Mason, CST, CSFA..... TX	Jonni Leigh Pekus, CST, CSFA, SA-C.
George A. Faragalla..... CA	Marisa Haszto, CST..... NY	Jessica E. Karner, CST..... IL	Rachel Shelly-Ann Mattadeen-	..... MT
Patti Rose Farrell, CST..... CT	Shatia Anay Hawkins, CST..... PA	Brooke A. Kearney..... AZ	Swaby, CST..... FL	Keith Pellerito, CST..... MI
Brandy Lynn Farrington, CST, CSFA	Angela Kay Hawn, CST..... IN	Robin Lynn Keith, CST, FAST, RN, CNOR	Dave L. Mayers, CST..... NJ	Nyle Joseph Pemberton, CST.. OH
..... NV	Richard V. Hayhurst, CSFA, CSA.. ID	..... NC	Jessica L. Mazzarello, CST..... GA	Alex Pena..... OR
Anne Michelle Farris, CST..... IL	Danielle DeShanda Head, CST.. GA	Melissa Pennington Keller, CST SC	Alison D. McCleaf, CST, CSFA..... VA	Tracy Wall Penny, CST..... NC
Alarnie Lacey Fellows, CST..... NH	Janet Marie Head, CST..... SC		Wendy Dixon McCraney, CST... FL	Diana Marie Pepper, CST..... IL

Brenda Selene Perez, CST, CSFA . TX  
 Juan Manuel Perez, CST ..... TX  
 Luis A. Perez, CST, CSFA ..... NE  
 Janet K. Perry, CST ..... CT  
 Margaret Peters, CST ..... KY  
 Ginger M. Peterson, CST ..... SD  
 Shurina DeeAnn Petree, CST.... TX  
 Melissa N. Piehet, CST, CSFA ..... LA  
 Jasmine V. Pierre, CST ..... FL  
 Julia Anita Pilgrim, CST ..... NY  
 Jessica Marie Pinkerton, CST ... MI  
 Laura M. Platten, CST ..... WI  
 Theresa May Poe, CST ..... FL  
 Lisa Ponder, CST ..... IN  
 Maureen Lim Porquirino, CST... CA  
 Paradee Poston, CST ..... CO  
 Thomas H. Pressley ..... MI  
 Mary Sarah Price, CST ..... NY  
 Linda Maria Prieto, CST ..... NY  
 Stephanie A. Pruitt, CST ..... SC  
 Kelly Michelle Raap, CST ..... SD  
 Ramdai S. Ramnauth ..... NY  
 Gerardo Rangel ..... TX  
 Jaclyn May Rastatter, CST ..... FL  
 Rebecca Rose Reeder, CST, CSFA IN  
 Michele A. Revera, CST ..... IL  
 Stephanie Rich, CST ..... KY  
 Heather Marie Richards, CST .... RI  
 Amber M. Richardson, CST ..... OK  
 John Robert Rigali, CST ..... AZ  
 Dorothy B. Riley-Davis, CST .... GA  
 Heather Rae Rine, CST ..... CO  
 Sheri Lyn Ringler, CST ..... PA  
 Luis A. Rivera, CST ..... NY  
 Oriana L. Rivera, CST ..... NY  
 Sandra Elena Rivera, CST ..... NY  
 Janel Brittany Rivera-King, CST FL  
 Gloria Rives, CST ..... IA  
 Jorgelina I. Rizzo, CST ..... NJ  
 Anjanette R. Roach, CST ..... FL  
 Michael John Robertson, CST... OR  
 Courtnee Marie Robinson, CST. TX  
 Donna Maria Robinson, CST .... AL  
 Selima Yvette Robinson, CST ... NC  
 Erika Rodriguez, CST ..... TX  
 Zeus Joseph Rodriguez, CST, CSFA CA  
 Ashley Renee Rohwer, CST ..... MN  
 Caroline Rebecca Roldan, CST.. TX  
 Rachael Denise Rookard, CST .. TN  
 Lacey Kim Rosenberger, CST, CSFA IL  
 Jessica Lynn Roth, CST, CSFA .... WI  
 Zachary Rowe, CST, CSFA ..... DE  
 Crystal Lynn Ruhnke, CST ..... WI  
 Cheena N. Rushing, CST ..... OK  
 Quetcy I. Saade ..... FL  
 Kimberly A. Salkeld ..... NE  
 Glenda Vanessa Salmeron, CST GA  
 Suzette Babette Salva, CST ..... FL  
 Florencio Salvador, Jr., CST, CSFA TX  
 Tony Wayne Sammons, CST ..... KY  
 Ernest Adrian San Miguel, CST . CA  
 Jeffrey Richard Sandefur, CST, CSFA  
 ..... IN  
 Lucas Mark Sanford, CST, CSFA .. MI

Tamara Kaye Santarelli, CST ... MO  
 Amanda Sassman, CST ..... TX  
 Cindy L. Schilling, CST ..... TN  
 Jennifer Lynn Schneider, CST... CT  
 Rachel B. Schock, CST ..... SD  
 Cynthia Kaye Schocke, CST ..... TX  
 Anise Bellingier Schonert, CST.. TX  
 Cara E. Schulz, CST ..... IN  
 Amie Beth Schwartz, CST, CSFA, SA-C  
 ..... MN  
 Tamica P. Seay, CST ..... MS  
 Elizabeth Brady Sebastian, CST LA  
 Tracey Ann Sembler, CST ..... NY  
 Misty Dawn Sexton, CST, CSFA .. OH  
 Paula Dalene Sharar, CST ..... IN  
 Simon Shaulov, CST ..... NY  
 Nicole Ann Shaw, CST ..... NY  
 Amber Michelle Sheikh, CST .... TX  
 Brian C. Sheridan, CST ..... PA  
 Brandee Kaye Shively, CST, CSFA ID  
 Brenda Shulman, CST ..... NJ  
 Lori Kay Simmons, CST, CSFA .... TN  
 Melissa A. Simmons, CST ..... FL  
 Joan R. Simon, CST ..... FL  
 Reginald Ledesma Singco, CST,  
 CSFA ..... GA  
 Felicia L. Sisk, CST ..... AR  
 Donna M. Skrable ..... NJ  
 Beth Ann Smith, CST, CSFA ..... KY  
 James Russell Smith, CSFA ..... PA  
 Jessica Ellen Smith, CST ..... MD  
 Karin Lee Smith, CST ..... NJ  
 Megan Dianne Smith, CST ..... OK  
 Nicole Smith, CST ..... NM  
 Virginia Theresa Smith, CST, CSFA ID  
 Lynnette Sontag, CST ..... ID  
 Jeanina Spight, CST ..... NV  
 Heather Leigh Stamey, CST .... TN  
 James Elmer Stanley, CST ..... WV  
 Mark Anthony Stanley, CST .... TN  
 Barry Dean Stansell, CST ..... NC  
 Letitia Christine Steel, CST ..... AL  
 Michelle L. Stemen, CST ..... OH  
 Ann Marie Stetler, CST ..... AR  
 Vicki L. Stoddard, CST ..... OK  
 Barbara Lian Stone ..... ME  
 Jennifer Lynne Stone, CST ..... KY  
 Mary Sullivan Niebel, CST ..... CA  
 Helen Catrice Summers, CST... MS  
 Barbie Sutton, CSFA, CSA ..... GA  
 Lori W. Swaringen, CST ..... TN  
 Jennifer Gayle Swenson, CST .. MN  
 William R. Tabor, CST ..... IN  
 Gina Rachelle Talbert, CST ..... IN  
 Kathleen Telesford-Wood .... MA  
 Allison Leigh Thomas, CST ..... VA  
 Wayne Lemont Thomas, Jr., CST,  
 CSFA ..... IN  
 Yong Thomas, CST ..... FL  
 Shannon Thompson, CST ..... VA  
 Steve Ordeil Thompson, CST ... MN  
 Terri LaVette Thompson, CST .... GA  
 Victoria L. Thompson, CST, CSFA MO  
 Jessica Dawn Tillman, CST ..... FL

Katherine Tollett, CST ..... TX  
 Arleen Torres, CST ..... CA  
 Melissa Torres, CST ..... TX  
 Alyssa Beth Trajano, CST ..... NC  
 Rheannon Traves, CST ..... TX  
 Jessica Raquel Trevino, CST .... TX  
 Cindy Lael Trueblood, CST ..... IN  
 Alana Marie Tubbs, CST ..... NV  
 Renlyn R. Tucker, CSFA ..... OH  
 Patricia Ann Turnbull, CST ..... MN  
 Quela G. Tyner, CST ..... MN  
 Susan Uerling, CST ..... WI  
 Stacey Marie Vande Zande, CST,  
 CSFA ..... SD  
 Violeta Vasquez, CST ..... NJ  
 Richard Daniel Vega, CST ..... IN  
 John E. Velasco, CST ..... CA  
 Viki Lynn Viertel, CST ..... WI  
 Shelley Marie Villeret, CST ..... LA  
 Harold Vilme, CSFA ..... FL  
 Bridgette Nicole Vinyard-  
 Hartwick, CST ..... AR  
 Philip J. Vivori, CST ..... MA  
 Irina Voss, CST ..... MA  
 Jennifer Lin Waldron, CST ..... CT  
 Destinee Vidonna Walker, CST OH  
 Diana Michele Walker, CST ..... GA  
 Lynn B. Walker, CST ..... SC  
 Sandra Walker, CST ..... GA  
 Holly Maria Walter, CST ..... OR  
 Richard Charles Walton, CST .... FL  
 Bridget A. Ward, CST ..... MO  
 Sheila Weddington, CST, CSFA... TN  
 Elizabeth Ann Wells, CST ..... MI  
 Eddy Rich Wenzel, CST ..... IN  
 Kristy Anne Wheeler, CST ..... MD  
 Mandy Lynn Whitaker, CST, CSFA MO  
 Kendrick White, CST ..... CA  
 Sarah E. White, CST, CSFA ..... FL  
 Sharon Elaine White, CST ..... KY  
 Cynthia K. Whited, CST, CSFA .... IN  
 Michael L. Wiese, CST ..... FL  
 Rebecca Vernice Wilcoxon, CST,  
 CSFA ..... HI  
 Betsey Ann Williams, CST, CSFA . OR  
 Brian Ray Williams, CSFA ..... AL  
 Deborah Anne Williams, CST ... FL  
 Judith Ann Williams, CST ..... FL  
 Wesley Scott Willis, CST ..... NC  
 Crystal D'nae Wilson, CST ..... TX  
 Jeffrey Wilson, Sr., CST ..... CT  
 Rhonda M. Winebrenner, CSFA. TX  
 Jayna Lynn Wise ..... MT  
 Alyssa Dawn Wolf, CST ..... MN  
 Ckesa R. Woolridge, CST ..... TX  
 Stephanie N. Wooten, CST ..... NC  
 Heather Wubbels, CST ..... NE  
 Barbara Jean Yetter, CST ..... MA  
 Jocelyn C. Young, CST ..... CA  
 Michael A. Zamarron, CST ..... TX  
 Anne Elizabeth Zerby, CST ..... MN

## 22+ YEARS

Christine H. Aanestad, CST ..... WA  
 Rhonda Daigle Abadie ..... LA  
 Jethro John Abreu ..... CA  
 Mariah Beth Acheson, CST ..... OR  
 Daphenie Ann Alexander, CST, CSFA  
 ..... TN  
 Corie Jean Allen, CST, CSFA ..... MO  
 Donna Allman, CST ..... NY  
 Victor Luis Alonso, CST ..... FL  
 Karen Kimberly Anderson, CST MN  
 Marva I. Anderson, CST ..... NJ  
 Wesley D. Anderson, CST, CSFA.. TX  
 Renata Andrzejczyn, CST, CSFA.. FL  
 Elliot Lee Arnold, CSFA ..... OK  
 Sneyder Arroyave, CST ..... NJ  
 Cathy Arruda, CST ..... RI  
 Nickolas Clifton Ary, CST, CSFA .. TN  
 Mustapha Attiq, CST ..... NY  
 Michelle LeAnn Aull, CST ..... KY  
 Heather Lee Bachelor, CST ..... GA  
 Gabriel Baez ..... CA  
 Darryl Berdect Bailey, CST ..... NC  
 Sabrina Marie Bailey, CST ..... ID  
 Vaughn William Bailey, Sr., CST FL  
 Anthony Bair, CST, CSFA ..... NY  
 Angela Tennille Ballard, CST ... WA  
 Benjamin T. Baltrusaitis, CST .. MO  
 Kristen Lee Bandy, CST, CSA .... MI  
 Anna P. Baptista, CST ..... MA  
 Wilfredo Barajas ..... CA  
 Heidi Marie Barry, CST ..... IN  
 Holly N. Batten, CST ..... IA  
 Julie Beard, CST, FAST ..... CO  
 Lakrechia Beatty, CST ..... MI  
 Heidi Ann Beaty, CST ..... SC  
 Megan Marie Beckett, CST, CSFA MO  
 Francis Bell, III, CST ..... SC  
 Lela A. Bennett ..... GA  
 Ann E. Berg, CST ..... WI  
 Samantha D. Bess, CST ..... WV  
 Diana P. Betancourt, CST, CSFA .. TX  
 Chanda Faye Bierema, CST ..... IA  
 Tricia Kaye Blakeman, CST, CSFA FL  
 Teresa Bober, CST ..... MA  
 Nancy L. Boesch, CST ..... NV  
 Patricia M. Bon, CST ..... FL  
 Renee Lynn Boncher, CST ..... WI  
 Julia Anne Bond, CST ..... FL  
 Jennifer Ann Bonnett, CST, CSFA WI  
 Nora Anne Bonvissuto, CST ..... CT  
 Eva Borrero Vinas, CST ..... FL  
 Jamee Erin Bosley ..... UT  
 Jenel Melissa Bouzemboua, CSTAE  
 Jennifer Lynn Bowen, CST, CSFA . KY  
 Jason Michael Bowers, CST, CSFA TX  
 James W. Boyer, CST, CSFA ..... NC  
 Quinn M. Boyette, CST ..... VA  
 Nijuer Braham, CST ..... NC  
 Lori B. Brame, CST ..... NC  
 Sherri Brammer, CST ..... OH  
 Diana M. Bravo, CST ..... TX  
 Amanda Ruth Brnovak-Needham,  
 CST ..... TX  
 Alycia Jane Brown, CST, CSFA .... IN

Gina Diane Brown, CST ..... NC  
 Maritza Brown, CST ..... NY  
 Raket Bryson, CST ..... CA  
 Emma Macalma Buquing, CST ... HI  
 Charisse Ramea Burden, CST ... SC  
 Tina Marie Burdick, CST ..... ID  
 Anna Catherine Bushnell ..... IL  
 Tina T. Byars, CST ..... SC  
 Robert J. Caciccia, CST ..... PA  
 Bethany Jeanne Campbell, CST MI  
 Craig S. Carraher, CST ..... CA  
 Tiffany Michelle Casey, CST ... OH  
 Abraham Castaneda, CST ..... CA  
 Elizabeth V. Changanagui, CST . VA  
 Kimberly Louise Chapman, CST . IA  
 Farjana Choudhury, CST ..... MI  
 Tammy Elizabeth Christman, CSFA  
 ..... TN  
 Laura Beth Church, CST, CSFA .... WI  
 Barbara Diane Clark, CST ..... FL  
 Karen U. Clark, CST ..... FL  
 Marcia L. Clarkson, CST ..... WA  
 Laura Sue Clausen ..... CA  
 Jennifer Susan Clouser, CST ..... AZ  
 Thomas A. Cobert, CSFA ..... VA  
 Josephine Marie Cody, CST, FAST TX  
 Vickie J. Coles, CST ..... OH  
 Kilian M. Connor, CST ..... KS  
 Jaime Lynn Conroy, CST ..... FL  
 Kristi Michelle Cook, CST ..... OK  
 Melanie Sue Cooper, CST ..... SC  
 Melissa R. Corkill, CST ..... SC  
 Hathaly Jenny-Harriet Cortez, CST  
 ..... NJ  
 Tyley Wayne Coutts, CST ..... IN  
 Kristine Marie Cover, CST, CSFA. OH  
 Raycine Cox, CST ..... NC  
 John T. Crawford, III, CST ..... FL  
 Angi J. Cunningham-Armstrong,  
 CST ..... WA  
 Candice Cheré Curtis, CST ..... TX  
 Samantha Ann Curtis, CSFA ..... OK  
 Angie Rose Curtiss, CST ..... OR  
 Lindsey Thibodeaux Daigle .... LA  
 Maria Pp Day ..... NY  
 Joy Frances De Leon, CST ..... CA  
 Linda E. Deasley, CST ..... RI  
 Sherry L. Dellinger, CST ..... NC  
 Michael Joseph Desvignes, CST CA  
 Jessica Lynne Dittman, CST ..... NE  
 Shakelia Dixon, CST ..... TX  
 Rhonda Kay Dobbins, CST ..... CA  
 Juana Lorena Dominguez, CST.. TX  
 Karen Vonell Douglas, CST ..... GA  
 Angela M. Dowdy, CST ..... TX  
 Philip Scott Downing, CST ..... NC  
 Dianna Lynn Draing, CST ..... CO  
 Jacquelyn Earlene Duckett, CST LA  
 Kathleen A. Duffy, CSFA, FAST, CSA FL  
 Marcy L. Duffy, CST, CSFA ..... NC  
 Julia A. Dugan, CST ..... PA  
 Regina Tammy Durham, CST .... FL  
 Theresa A. Dutcher, CST ..... TX  
 Brenda Kay Dyer, CST ..... IA



Roxanne Ellerbe, CST..... TX	Christopher Andrew Hardwick, CST..... CA	Jon Derek King, CST, CSFA, CSA... MN	Walker W. McLeod, Jr., CST..... SC	Tiwana M. Patterson..... TN
Melitta Nicole Elliott, CST..... GA	Elizabeth M. Harper, CST..... LA	Taurus Nichole King, CST..... TX	Katherine McMillan, CST..... NC	Kristine Lynn Pehler, CST..... WI
Vickye L. Ellis, CST..... TX	Suzanne L. Harrell, CST, CSFA... VA	Becky Sue Kitagawa, CST..... WA	Yemi Mejule, CST..... NY	Rachel Erin Pennington, CST, CSFAIN
Dennis U. Elmido, CST..... CA	Teresa Callender Harrell, CST... NC	Jacqueline R. Kitchen, CST..... MD	Erica Alexandra Meneses, CST, CSFA	Gicela Peralta, CST..... NJ
Sherrie Leach Elmore, CST..... OK	Annette Harris, CST, SA-C..... TX	Kathy Jean Kitts, CSFA..... VA	.....AR	Walter W. Perry, Jr. .... TN
Donna Michelle Emch..... OH	Mallory Ellen Harrison, CST, CSFAMI	Haylee M. Knipp, CST..... OH	Betty Mercer, CST, CSFA..... MO	Kellie Renee Perti, CST..... MO
Ann Marie Endres, CST..... MI	Lori Kennedy Haugen..... AZ	Stacey M. Kramer, CST..... MI	Karolyn Marie Merritt, CST..... IL	Rachel Anne Pertile, CST..... MN
Brittney Suzanne Esguerra, CST IN	Melissa Dion Haugh, CST..... MN	Amber M. Kreischer, CST..... OH	Arlene C. Messer-Green..... NY	Vidya Peruvaje, CST, CSFA..... TX
Shannon M. Esterberg, CST.... MN	Rebecca Jean Haynes, CST, CSFA KY	Maryam A. Kuyack, CST..... MN	Jose Luis Meza, CST..... FL	James Hugh Peters, Jr., CST, CSFATN
Patricia Farrell-Brown, CST..... CT	Margie Kay Henderson, CST, CSFA .	Renee Susanne LaCombe, CST, CSFA	Tiffany Lynn Michael, CST..... PA	Elena D. Petrova, CST..... CA
Nancy Lynn Fearon, CST..... TX	.....OK	.....WI	Billie J. Mifflin, CST..... NE	Nancy Phinney, CST..... MA
Armando Felix, Jr., CST..... FL	Nellie Jean Hering, CST..... FL	Nikki Lin Laffoon, CST..... IN	Angela N. Miles, CST..... GA	Rachel E. Piepenbrink, CST, CSFA IL
Katie Ann Ficocello, CST..... MN	Allyson K. Hershock, CST..... PA	Crisostomo Malig Lagman, CST NY	Christina Michelle Miller, CST.. TX	Alicia Ann Platt, CST..... MN
Jonathan H. Fillingane, CST..... NV	Vicky Lyn Hersom, CST..... NH	Anna Lagoa-Manriquez..... CA	Laura Lynn Miller, CST..... OH	Tracy Lassiter Polk, CST..... NC
Kelly Ann Finley, CST..... NE	Jocelyne L. Hescock, CST..... MA	Brandy S. Lane, CST..... SC	Lesli A. Miller, CST..... CT	Vickie Jean Potts, CST..... TN
Jane Fisher..... FL	Timothy Michael Hilpert, CST... CA	Julie A. Lange, CST..... WA	Michelle Lynn Miller, CST, CSFA.. IL	Nicole M. Presa, CST..... TX
Michael Florio, CST..... NJ	Kristi Hinyup..... LA	Melanie Lynn Lannon, CST..... FL	Hillarie S. Millsaps, CST..... UT	Nancy Amanda Preston, CST, CSFA.
Chad Christopher Folden, CST, CSFA	Amy A. Hogan, CST..... MN	Michelle Lee Laplume, CST..... SC	Yola Milsoit, CST..... NY	.....CO
.....AZ	Mieke Joanna Holland, CST..... CA	Mandy N. Lattimore, CST, CSFA.. IN	Julia C. Mitek..... MI	Ricky Pressley Pridmore, Jr., CSTSC
Albert Jeffrey Foley, CST..... FL	Dana Louise Houston, CST..... SC	Candace Abigail Lehman, CST.. VA	Michelle Christine Moffett, CST ID	Amy Marie Primus, CST..... MN
Melissa R. Foley, CST..... ME	Sarah J. Howard, CST..... AK	Tory A. Lewis, CST, CSFA..... NV	Elizabeth Montes..... CA	Julie M. Pruett, CST..... MO
Tammi L. Forbis, CST..... AZ	Augusta R. Huey, CST, CSFA..... AL	Heriberto Valero Leyva, CST.... CA	George Alan Moore, CST..... NV	Chelsea Pry, CST, CSFA..... IN
Marcella S. Frazier, CST..... NC	Christi Michelle Huff, CST..... IN	Delores Anne Linear, CST, CSFA, SA-C	Patricia G. Moore, CST..... HI	Karen Purkey, CST..... IN
Heidi G. Fredia-Newton, CST... NY	Shannon Leigh Hughes, CST.... IN	.....VA	Crystal Lee Moquin, CST..... AL	Loretta Purrier..... NY
Travess Dean Funk, CST..... KS	Martha Kai Hull, CST, CSFA..... MI	Kim Marie Linero, CST..... NY	Nathan John Morago, CST, CSFA.. CO	Judy Adele Putt, CST..... IN
Jerri Lynn Furlan, CST, CSA..... CO	Richard Hutson, CST..... CO	Cheryl Lynn Linsangan, CST..... CA	Nureen Moreira, CST..... NY	Juan Carlos Quiroz, CST, CSFA.... TX
Kimberly A. Furr, CST, CSFA..... TX	William Everett Hyland, CST.... AZ	Elise M. Lippold, CST..... NY	Holly Suzanne Morena, CST..... IN	Meshanna V. Ragland, CST..... TN
Lashanda T. Gamble..... GA	Claudia P. Imbachi..... NJ	Shawn Marie Little, CST..... OK	Karen Minerva Morrow, CST.... SC	Paige Janine Rauser, CST..... GA
Joseph Dabu Garcia, CST..... CA	Dana Marie Inch, CST, CSFA..... TN	Robert E. Lockamy, II..... NC	Salome Jen Moses, CST..... AL	Deborah L. Reed, CST..... PA
Sonya Sylvia Garcia, CST..... TX	Lisa Ann Irwin, CST, CSFA..... IN	Lakeshia M. Lockett-Grant.... TX	Heather Marie Mraz, CST..... IL	Marsha Reed, CST..... NY
Dawn Marie Gaskins, CST..... FL	Patrick Dwayne Jacobs, CST.... VA	Liliana Locnikar, CST..... NC	Cipriano Munguia, CST..... CA	Colleen Rae Reinelt, CST, CSFA.. TX
Doyle Duane Giddens, CST..... ME	Jessielyn San Pedro Jacobus, CST.	Tanya T. Loftin, CST, CSFA..... NY	Jean Murray-Powell..... GA	Evelyn J. Reyes, CST..... CA
Jessica Lynn Glass, CST..... TX	.....VA	Damir Lokmic, CST..... FL	Donna S. Myatt, CST..... TN	Lillie Ann Ribons-Horning, CST,
Ronna Jean Goldston..... OK	Francine Renee Jambard, CST, CSFA	Romulo E. Lontok, Jr., CST..... IL	Kirsten Dawn Nava, CST..... UT	SA-C..... FL
Lisa Gomes, CST..... TN	.....OK	Christina Basthy Lopez, CST..... CA	Mona Lisa Nava, CST, CSFA..... TX	Angela Lee Rice, CST..... MI
Allison R. Gonzalez, CST..... SC	Kevin Michael James, CST, CSFA. TN	Natasha Nicole Lorenzo, CST.... OK	Winfred Ndungo, CST..... CA	Terri L. Richards, CST..... IN
Beth LaFaye Gooden, CST..... NC	Tracey James, CST..... OH	Teresa F. Luckey, CST..... TX	Sophia E. Nelson Mclean, TS-C FL	Sarah Elisa Richhart, CST..... NV
Susan B. Goranson, CST..... MN	Angela Nicole Jenkins, CST..... NC	Robin K. Lueck, CST..... WI	Valerie M. Nichols, CST..... MN	Jessica Lee Riker, CST, CSFA..... IA
Alexcia A. Gorman, CST..... TX	Stephanie L. Jenkins, CST, CSFA OH	Pendo Lukuba, CST..... IN	David W. Nicol, CST..... CT	Kelly Rae Riley, CST..... AK
Dana L. Grafft, CST, FAST..... IA	Janey Lynn Jerro, CST..... TX	Amy Christina Lunceford, CST.. ID	Bryant D. Niebur, CST..... WA	Larisa Anne Roberts, CST..... AL
Charlene A. Grant, CST..... LA	Eric T. John, CST..... UT	Chung-Hoan Mach, CST..... WA	Lisa Lynn Nienow, CST..... WI	Ann Choka Robinson, CST..... VA
Jay Patrick Grayson, CST, CSFA, SA-C	Jodi L. John..... NE	John Gordon Mackay, CST..... OR	Donna Etoyia-Lynn Nixon, CST TX	Shonya H. Robinson, CST..... GA
.....TN	Benita L. Johnson, CST..... CA	Jeffrey Theodore Madden, CST.. IL	Joshir Andrea M. Norman..... SC	Maria Marlene Rocha, CST..... IL
Kathy Lee Greber, CST, CSFA..... OH	Elise J. Johnson, CST, CSFA..... KY	Ellisa D. Malcolm, CST..... LA	Deborah A. Norris, CST..... MN	Annie K. Roche, CST..... CO
Andrea Denae Green, CST..... TN	Jacqueline Florit Johnson, CST . NC	Katie L. Maluski, CST..... MN	Kelly Lynn Nugent, CST..... MI	Anita Marie Rodriguez, CST.... NM
Debra Jean Green, CST..... AL	Robin L. Johnson..... GA	Devon Elizabeth Maly, CST..... NE	Jayne E. O'Connor, CST..... MN	Esmeralda Rodriguez, CST..... CA
Michelle Kayleen Green, CST... MO	Michael Gerald Joiner, CST..... TX	Cheryl Ann Manley, CST..... IN	Maryann Obrien, CST..... IN	Melissa Rodriguez, CST..... FL
Pierre Preston Green, CST..... FL	Devin Jones..... OK	Maureen Rosalie Marquez, CST FL	Amy Cristine Olden, CST, CSFA.... IL	Dana L. Rogers, CST..... TN
Jade Griffin, CST..... IN	Shonda Yameko Jones, CST..... SC	Kellie James Martin, CST..... PA	Stacey L. Oliveira, CST..... NC	Don A. Romero, CST..... LA
Mindy L. Griffin, CST..... CA	Timothy D. Jones, CST..... OR	Troy Bruce Martin, CST..... NC	Jeremy Lynn Ollis, CST..... IL	Chad Aaron Rotan, CST..... SC
Billy Allen Griffith, CSFA..... KY	Nynette M. Jordan, CST, CSFA.... TN	Erica Y. Martinez, CSFA..... TX	Derrick Edward Omev, CST..... TX	Jaime L. Roublick, CST..... NY
Eric Griffith, CSFA..... CO	Electra A. Joseph..... NY	Valerie Martinez, CST..... NV	Ryan Louis Orillion, CST, CSFA... LA	Nevada Ann Rousey, CST..... GA
Lesah Mari Groble, CST..... IN	Michelle M. Jurgelas, CST..... IL	Jennifer Ellen Mason, CST..... MN	Amberly Hatfield Osteen, CST.. SC	Toni Royce..... CA
Teresa Gulczynski, CST..... FL	Sandra Lynn Keeney, CST..... MO	Maria E. Mason, CST, CSFA..... OR	Anthony Carlos Padron, CST... MN	Darya Rozman, CST, CSFA..... FL
Kelly Lynn Gusman, CST..... WA	Andrea Maria Kennedy, CST, CSFA .	John Taylor Masters, CST..... TX	Ann Mary Paffel, CST, CSFA..... WI	Karen Joyce Saliski, CST..... TN
Erin Elizabeth Haefle, CST..... NE	.....GA	Jeremy Adam May, CST, CSFA.... FL	Tracy Marie Pagano, CST..... FL	Carlos Sandoval, CST, CSFA..... TX
Jennifer Lynn Hagan, CST..... IN	Elizabeth Irene Kenny, CST..... MI	Richard L. May, Jr., CST..... VA	Sheila Lynn Palloch, CST..... OK	Aimee Nicole Sands, CST, CSFA.. UT
Melissa Clare Hall, CST..... CA	Susan Marie Kern, CST..... MO	Thomas Anthony Mayer, CST... NJ	Tamila Jo Palumbo, CST..... MN	Nataliya Petrovna Savinskaya, CST
Flora Yuka Hamashima, CST.... GA	Nicole Kerwin, CST..... WI	Amy McCallister, CSFA..... OH	Minified L. Parker, CST, SA-C.... MI	.....WA
Heather Marie Hamilton, CST... IN	Michelle D. Khaled, CST, CSFA... MI	Consuelo Rose McDonald, CST.. TX	Sean Parker, CST..... GA	Fredrick Lee Schaefer, CST, CSFA-
Melissa A. Hammitt, CST..... OH	Teresa A. Kicak, CST..... TX	James A. McDonald, Jr., CST.... OH	Chris Donato Pascali, CST..... FL	OS, FAST..... IN
Kramer Surrafel Hammond, CSTNY	Jessica Kimball, CST..... PA	Shondra E. McGill, CST, FAST.... NJ	Leslie Christine Passons, CST, CSFA	Makenzie Lynnette Schmidt, CSTIN
Rita A. Harber, CST..... IN	Erica Dawn King, CST, CSFA, FAST WV	Misty Dawn McGuire, CST, FAST.. AZ	.....TN	Ana P. Schrock, CST..... FL
Monica Hardin, CST..... TX		Michael Jay McKenzie, CST..... NY	Jennifer Lynn Paterek, CST..... IN	Ty Scrivens, CSFA..... VA

Tabitha Lee Serna, CST, CSFA ..... VA  
 Vincenzo M. Sessa, CST ..... CT  
 Sarah Sewolt ..... CO  
 Christine Marie Sharp, CST ..... MA  
 Irma Loudean Sharp, CST ..... TX  
 Susan H. Shattles, CST ..... MS  
 Stephanie L. Shaw, CST ..... ID  
 Patricia O. Sherrill, CST ..... NC  
 Alicia Marie Shonrock, CST ..... SD  
 Babette G. Shuman, CST ..... GA  
 Aracely Silva, CST ..... TX  
 Dawn Simmons, CST ..... IA  
 Ann Simpson ..... NJ  
 Greta Lynn Simpson, CST ..... IN  
 Shaun M. Simpson, CST ..... MO  
 Sandrine Yvette Slack, CST ..... CT  
 Jessica Golden Slade, CST ..... WA  
 Joshua C. Slape, CST ..... KS  
 Marla Gay Slaydon, CST, CSFA ..... OK  
 Bonnie J. Smith, CST ..... FL  
 June Marie Smith, CST ..... FL  
 Justyn McFadden Smith, CST, CSFA ..... IN  
 Kimberly Jean Smith, CST ..... CA  
 Lisa M. Smith, CST ..... TN  
 Matthew Ryan Smith, CST, CSFA ..... VA  
 Rebecca L. Smith, CST ..... ID  
 Miles J. Snyder, CST ..... CA  
 Brian M. Sobotka, CST ..... TX  
 Veasana Sok, CST, CSA ..... UT  
 Jana N. Spindler, CST ..... IN  
 Samuel P. Stafford, CST ..... NC  
 Alicia Marie Stampee, CST ..... TN  
 Amy N. Stamper, CST ..... WV  
 Julie Wooten Stanfield, CST ..... GA  
 Todd M. Stansbury, CST ..... KY  
 Karena J. Starr, CST ..... AZ  
 Janice Ann Stephens, CST ..... CA  
 Katharine E. Stephens, CST ..... SC  
 Anita Janelle Stevens, CST ..... OK  
 Casey Ann Stevens, CST ..... IN  
 Kendria Adele Stevens-Hulsinger, CST ..... CA  
 Jerrie Patricia Stevenson, CST ..... ID  
 Katina Renee Stevenson, CST ..... WI  
 Christopher Richard Stone, CSTME  
 Lisa Stoutemire, CST ..... OH  
 Ann V. Streetman, CST ..... TX  
 Alissa E. Stricklin, CST ..... IN  
 Judy R. Styer, CSFA ..... PA  
 Jaime Eduardo Suarezhurtado, CST ..... FL  
 Carolyn Marie Sullivan, CST ..... NH  
 Christopher Talabock, CST, CSFA, RN  
 ..... TX  
 Creshia Earlene Tallent, CST ..... TN  
 John M. Tarantino, CST, CSFA, CSA ..... FL  
 Rosalina Demetillo Te, CST ..... CA  
 Robert Shane Tedder, CST, CSFA ..... KY  
 Ovsanna Ter-Nshanyan, CST ..... CA  
 George Matthew Thayiel, CST ..... NY  
 Myriam Bastien Theodore, CST ..... MA  
 Dana A. Thomas, CST ..... MA  
 Evon Thomas, CST ..... WV  
 Melissa S. Thomas, CST ..... HI  
 Georgia Kay Thompson, CST, CSFA ..... CO  
 Marissa A. Tippens, CST ..... CO  
 Donald M. Tison, CST ..... FL  
 Sara Christina Tolano, CST ..... CA  
 Wayne S. Tolliver, CST ..... OR  
 Candi Jo Tomlinson, CST, CSFA ..... AR  
 Lenworth E. Trail, CST ..... NY  
 Dusti Kay Trent, CST ..... IN  
 James Wesley Trimnal, CST ..... FL  
 Cerissa E. Triplett, CST ..... ID  
 Darren Tsoie, CST ..... AZ  
 Delora Mae Tunison, CST, CSFA ..... OK  
 Rochelle Louise Vallera, CST, CSFA ..... OH  
 Ellen Catherine Van De Weghe, CST ..... NJ  
 Lisa June Verano, CST ..... SC  
 Cynthia Monique Verdel, CST ..... TN  
 Christopher A. Vincent, CST, CSFA ..... TN  
 Barbara J. Vinson, CST ..... KS  
 Jarvis Viza, CST ..... FL  
 Cristie R. Vogle, CST ..... TX  
 Shannon Lucille Voller, CST ..... MN  
 Linda Voorhees, CST ..... UT  
 Jordan Michael Voss, CST ..... MO  
 Christa Danielle Wade, CST ..... TN  
 Mark Lyle Wadley, CST ..... CA  
 Michael A. Wagner, CST ..... OK  
 Susan L. Wahrenbrock, CST ..... FL  
 Crystal R. Waldrop, CST ..... MN  
 Ronald A. Walz, CST ..... MN  
 LaTrae D. Washington, CST ..... ME  
 Keesha Danyelle Watts, CST ..... IL  
 Wendy Lynn Weadge, CST ..... IL  
 Clara Ann Welch, CST ..... FL  
 Sara Elizabeth Wells, CST ..... OR  
 Elizabeth Rae Wethington, CST ..... CO  
 Miriam Whitaker, CST ..... NC  
 Vicki Lynn Whitaker, CST ..... VA  
 Linda Jean White, CST ..... FL  
 Jennifer Whitley, CST ..... TN  
 Laura Lynn Whitlock, CST ..... TX  
 Angie K. Wiechers, CST, CSFA ..... OH  
 Uvonda S. Wilkerson, CST ..... FL  
 Katrina Spaulding Williams, CST, CSFA, FAST ..... SC  
 Paula Denise Williams, CST ..... MI  
 Alison Marie Wilson, CST, FAST ..... AZ  
 Kathleen M. Wilson, CST ..... PA  
 Machelie Tomberlin Wilson, CSTOK  
 Patricia D. Wilson, CST ..... WI  
 Tina Long Wilson, CST ..... NC  
 Annette R. Wilson-Wiitala, CST, CSFA ..... FL  
 Sarah C. Wirth, CST ..... IN  
 Angela Christine Witt, CST ..... MI  
 Urszula Maria Wolanin, CST ..... CO  
 Kimberly Jean Wood, CST ..... CA  
 Ashley Marie Woonsook, CST ..... ID  
 Rashette Zeigler, CST ..... LA  
 Joelle Ziegler, CST ..... CT  
 Natalie Colette Zuccaro, CST ..... MI

## 23+ YEARS

Anton D. Adams, CST ..... NY  
 Yvette Aguilar, CST ..... TX  
 Sarah L. Aguirre-Kuester, CST ..... ID  
 Leila Renee alford, CST ..... OH  
 Crystal Dawn Alvarado, CST ..... MI  
 Jose L. Alvarado, CST ..... NJ  
 Jennifer M. Anderson, CST ..... UT  
 Melanie A. Anderson ..... MN  
 Yolanda M. Anthony, CST, CSFA ..... FL  
 Elgie U. Apacible, CST ..... CA  
 Carol A. Archer, CST ..... NY  
 Amanda Rose Armer, CST ..... AR  
 Judith Alleyne Arrindell, CST ..... MD  
 Kimberly L. Atan, CST ..... MA  
 Tracy Lee Ault, CST, CSFA ..... ID  
 Helen Hinton Autry, CST ..... NM  
 Neil Robin Bagley, CST ..... TX  
 Indroutie Bansi, CST ..... TX  
 Debbie A. Barrow ..... FL  
 Raffi M. Bartassian, CST ..... CA  
 Adam Lee Baughman, CST ..... IN  
 Annette Baxley, CST ..... NC  
 Brandi Allen Beeman, CST ..... NC  
 Renee Michele Berry, CST ..... IN  
 Bridget M. Betterson, CST ..... GA  
 Linda M. Betz, CST ..... FL  
 Debra Kay Bixler, CST ..... FL  
 Tracy Bueter Blankenship, CST, CSFA ..... NV  
 Hasani K. Bolden, CST, CSFA ..... MS  
 Carrie Bolton, CST ..... TX  
 Pitsana Borihane, CST ..... WI  
 Natalie Boyer, CST ..... GA  
 Michelle Maria Breitweg, CST ..... FL  
 Danielle Marie Breive, CST ..... MN  
 Amy Lou Brinkman, CST ..... CA  
 Claudia Lynn Brittan, CST ..... CA  
 Michael L. Brock ..... IN  
 Brandi V. Brown, CST ..... IN  
 Kristina Kaye Brown, CST ..... WA  
 Melisa Ann Brown, CST ..... NV  
 Sandra Marie Brown, CST, CSFA ..... VA  
 Travis Brown, CST ..... MT  
 Debra A. Brown-Lacey, CST ..... GA  
 Denise Broxton, CST, CSFA ..... FL  
 Lenica Bruce, CST ..... NY  
 Christel Danielle Bullock, CST ..... MO  
 Wayne M. Burgei, CST ..... OH  
 Jason Scott Buriak, CST ..... FL  
 Katherine A. Cabai, CST, CSFA ..... IL  
 Ernesto Cabrera, CST, CSFA, SA-C ..... TX  
 Staci Lynn Carpenter, CST ..... NC  
 Brenda D. Carter ..... NC  
 Nicole M. Carver, CST ..... MN  
 Magdalena Castellani, CST ..... CT  
 Alma B. Chavez, CST ..... TX  
 Sucia Chirchiglia, CST ..... FL  
 Adrian Cieplinski, CST ..... CT  
 Marites E. Claudio, CST ..... CA  
 Jennifer Ann Claus, CST ..... CA  
 Nicole Danielle Claussen, CST, FAST ..... MI

Lasheika Coleman, CST ..... NC  
 Sarah Marie Colson, CST ..... FL  
 Don E. Constantine, Jr., CST ..... TX  
 April Lynn Cook, CST ..... TN  
 Jennifer Christene Cooper-Parnell, CST ..... WA  
 Jeffrey Gordon Copeland, CST ..... NC  
 Constance M. Corrigan, CST ..... PA  
 Cynthia Marie Countney, CST ..... MN  
 Joi Cowley, CST ..... MA  
 Quandaila R. Crichton, CST ..... TX  
 Deana Rueline Crom, CST ..... IA  
 Delayne Dee Crow, CST, CSFA ..... TX  
 Agnieszka Makgorzata Crownover, CST ..... IN  
 Snowey Tenille Cummings, CST ..... NY  
 Melissa Renee Cunningham, CST ..... CA  
 Nikki K. Daniels, CST, CSFA ..... GA  
 Lynzee Marie Davey, CST ..... SD  
 Tamera R. Dawson, CST ..... NC  
 Angela Kay Delp, CST ..... CO  
 Brian R. Dinnendahl, CST ..... CA  
 Jennifer D. Diskin, CST ..... GA  
 Kristin Dooge ..... IN  
 Timothy R. Doty, CST, CSFA ..... VA  
 Alethea J. Drahos, CST ..... IA  
 Amberly Nicole Drescher, CST ..... IN  
 Crystal Leigh Duke, CST ..... TX  
 Kristi Lea Dully, CST ..... IL  
 Nicolette M. Dupuis, CST, CSFA ..... VA  
 Rebecca Yvonne Dupuis, CST ..... LA  
 Valerie M. Durant, CST ..... NY  
 Dacia Cora Durham, CST ..... SC  
 Andrew J. Eckhardt, CST ..... NY  
 Carley N. Edwards, CST, CSFA ..... MS  
 Khalid Efat ..... NY  
 Shawn Robert Eggi, CST ..... ID  
 Jennifer Lynn Elias, CST ..... NJ  
 Sharon Evadney Elies, CST ..... NY  
 Susan J. Erickson, CST ..... MN  
 Patricia Martinez Esqueda ..... CA  
 Patricia C. Famy, CST ..... TX  
 Stephanie Gould Fellerman, CST ..... MD  
 Jessica Dale Firl, CST ..... WV  
 Jennifer M. Fisher, CST ..... NJ  
 Shawn Thomas Fossen, CST ..... MT  
 Kimberly Faye Foutch, CST ..... TN  
 Matilda Fox, CST ..... OR  
 Stephanie Anne Freberg, CST, CSFA ..... IN  
 Kate Elizabeth Frechette, CST ..... NH  
 Alicia Kay Freeman, CST ..... IL  
 Mae A. Freeman, CST ..... TX  
 Elizabeth Kelly Frick, CST, CSA ..... SC  
 Tammy Michelle Futrell, CST, CSFA ..... NC  
 Dawn Desiree Garcia, CST, CSFA ..... FL  
 Jayclyn Garcia, CST, CSFA ..... NV  
 Marla Garner, CST ..... AZ  
 Amando Garza, CST, CSFA ..... TX  
 Cristina Garza, CST ..... TX  
 Susan A. Gibbs, CST ..... NH  
 Carla Michelle Glodowski, CST ..... IN

Greg Bryan Glover, CST, CSFA ..... MO  
 Arely Gonzalez, CST ..... CA  
 Rachelle Renee Goodman, CST ..... SD  
 Steffanie Kay Goodpasture, CST, CSFA ..... OK  
 Lacey Nicole Graffagnino, CST, SA-C ..... TX  
 Charlin J. Graham ..... OK  
 Courtney Sumer Gramenz, CST ..... FL  
 Adrienne D. Green, CST ..... IN  
 Shannon Leigh Gregory, CST ..... NE  
 Mileah Michelle Grisham, CST ..... ID  
 Elyse A. Hale, CST, CSFA ..... KY  
 Patrick O. Halfacre, II ..... TN  
 Julie Ann Hamrick, CST ..... CA  
 Lora Kathleen Hansen, CST ..... OK  
 Michelle Leigh Hariharan, CST ..... IL  
 LeAnn R. Harms, CST ..... NE  
 Paul A. Haynes, CST, CSFA ..... VA  
 Sarah Elizabeth Hazen, CST ..... NC  
 Penny Kay Heidecker, CST ..... MN  
 Lisa R. Hein ..... WI  
 Tamera J. Hein-Nutz, CST ..... CO  
 Emiley Lucinda Heitman, CST ..... MO  
 Robin M. Henrie ..... ID  
 Jessica L. Hershberger, CST ..... PA  
 Maria L. Hickox, CST ..... WA  
 Mandy Lynn Hicks, CST, CSFA ..... KS  
 Kristy Lynn Higgins, CST, CSFA ..... TN  
 Donna M. Hill, CST ..... TX  
 Melinda E. Holmes, CST, CSFA ..... SC  
 Rebecca Honea, CST, FAST ..... TX  
 Jeffrey Allen Howard, CST ..... CO  
 Leslie A. Howard ..... WI  
 Jacob A. Howell, CST ..... TN  
 Amy Johnson Hughes, CST ..... SC  
 Donnis Terrence Hunter, CST, SA-C ..... TX  
 Michelle Ellen Husbands, CST ..... NC  
 Christina M. Hutto, CST ..... SC  
 Daniel Ibarra, CST, CSFA ..... TX  
 Yanay Iglesias, CST, SA-C ..... FL  
 Carrie J. Irwin, CST ..... FL  
 Shanna Marie Jackson ..... TX  
 Isabel Jaen ..... FL  
 Jody Lynne James, CST ..... MI  
 Ronda K. Jenkins, CST, CSFA ..... FL  
 Melody L. Johns, CST, CSFA ..... MI  
 Elias X. Johnson, CST ..... NH  
 Jeremy Jones, CST ..... NE  
 Scott Eric Jones, CST ..... CA  
 Yvonne M. Jones, CST ..... IN  
 Linzey Rae Jordison, CST, CSFA ..... UT  
 Jeremy Lee Joyner, CST ..... TX  
 Chivonn Ender Julius-Morant, CST ..... NY  
 Alisha Joann Justice, CST, CSFA ..... OH  
 Kathleen Beverley Karus, CST ..... MN  
 Donald Patrick Keck, CST ..... CA  
 Carlene Angella Kenlock, CST ..... NY  
 Jordan Daniel Keyes, CST, CSFA ..... ID  
 Monika E. Kienitz, CST, CSFA ..... MI  
 Kathleen A. Kloewer, CST ..... IA  
 Amanda Koeppel, CST ..... WI





Clayton Dwayne Kolarik, CST ... TX	Tiffany Brooke Moreland, CSFA, SA-C ... TX	Sherry Lynn Roberts, CST..... KY	Christopher J. Sylvester, CST... NH	Gretchen Allen, CST..... NC
Tracy Lynn Kosek, CST..... MI	Jessica Sue Morford, CST ..... GA	Karen D. Robinson, CST..... FL	Suzanne N. Tank, CST..... IN	Ada I. Alonso, CST..... FL
Ivone Lacroix, CST..... RI	Alicia A. Morrissey..... AZ	Kristina Ann Robinson, CST, CSFAMI	Nicole Lynn Tapanes, CST..... FL	Virginia Alvarez, CST..... TX
Ramon Landeros, CST..... OK	Terry Gayle Morrow, CST..... SC	Miranda F. Robinson, CST, CSA .. WI	Emily Elaine Taylor, CST..... OH	Abigail Lynn Amaya, CST, CSFA . OH
Chad Mikel Landing, CST, CSFA . GA	William D. Morse, CST..... MI	Tianna I. Rod, CST ..... FL	Stacia Oneal Taylor, CST..... TN	Nancy Ann Amoia, CST ..... NC
Rachel Lynn Langston, CST..... IA	Diana Elizabeth Moya, CST..... TX	Ginger Dawn Rohmer, CST..... UT	Sonja K. Teague, CST..... IN	Elizabeth Celeste Anderson, CSTGA
Jimmie Earl Lanier, CST..... NC	Robert Philip Murdock, CST..... FL	Lourdes M. Rojas, CST..... PA	Robert E. Terpsma, CST ..... WA	Theresa V. Anderson, CST..... FL
Kathy Wren LaRue, CST..... SC	Brian J. Murray, CST..... SC	Keyla I. Ros-Hernandez, CST... FL	Donna Christine Terranova, CST NJ	Rachel Evonne Andrews, CST... LA
Deborah L. Lawn, CST ..... IN	Jessica Dawn Murray, CST ..... KY	Dustin S. Ross, CST ..... NY	Macy J. Thelen, CST ..... NE	Roberto E. Aquino ..... CA
Clarissa M. Lawson, CST, SA-C... LA	Tammy A. Myrick, CST..... MO	Jessica A. Rowekamp, CST, CSFA MI	Jennifer Rene Thweatt, CST ..... KY	Connie Susan Archer, CST..... PA
Tracy Darlene Lawson-Francis NJ	Keli L. Nabors, CST ..... CO	JoAnn Ruiz, CST ..... TX	Bunyaporn Bonnie Toronjo, CST TX	Heather Diane Arensdorf, CST... IA
Janeth Lebowitz ..... NY	Edna E. Navarro, CST..... TX	Sondra Carla Rushton, CST ..... UT	Kaelyn Traynor, CST..... MN	Edward Stephan Aromi, CST..... IN
Sasha R. Lee, CST..... NV	Diana C. Neff, CST ..... AZ	Jennifer L. Sahr, CST ..... OH	Susan B. Tripodi, CST ..... GA	Rebekah Barr, CST..... CA
Sieanna Pearl Lee, CST ..... TX	Tj Valerie Negrete-Carranza, CSTCA	Mary Jane Saldana, CST..... TX	Regina Truitt, CST, CSFA ..... OH	Tammy S. Barr, CST..... TN
Christine B. Lees, CST ..... FL	Alicia J. Nelson, CST..... MT	Lisa D. Salzenstein, CST..... TN	Dianne C. Urban, CST ..... CT	George James Barrera, CST, CSFA TX
Daphne R. Leggett-Crawford . NC	Carmaletia R. Nelson, CST..... MS	Jennifer Catherine Samargo, CST, CSFA ..... MO	Michelle Urbaniak, CST ..... VA	Pedro Barrera, III, CST ..... TX
Kimberly D. Leikvoll, CST..... MN	Shaquandway Deunta Nelson-Brumfield, CST..... CA	Victor Dario Sarmiento, CST.... MD	Heather Vanderlycke, CST..... SC	Anna Maria Bashiri, CST..... TX
Michael James LeMieux ..... WA	James F. Nevins, CST..... NY	Carolyn Scelza, CST ..... FL	Kristi Lynn Vantroba, CST..... CO	Shelia J. Baxter, CST ..... AL
Tracey Lenoir, CST..... LA	Kelly L. Newton, CST..... GA	Jessica Schlomer, CST ..... NC	Katherine Vastano, CST ..... SC	Liliana Becerra, CST..... NJ
Kay E. Lessard, CST ..... TN	Carolyn R. Nienaber, CST ..... KY	Giovanna Giulietta Scoccimarro, CST, CSFA ..... FL	Sara Jean Velligan, CST, CSFA..... IN	Kimberly Marie Begue, CST ..... NY
Tina M. Levra, CST..... WI	Jona Ann Niziolek, CST ..... NC	Ileana M. Scapano, CST, CSFA.... FL	Geanie Lyn Vines, CST ..... GA	Lisa Marie Bell, CST ..... TX
Rebecca Christine Levy, CST.... NC	Susan D. Nugent, CST, CSFA ..... AR	Gracelia Ann Scott, CST ..... NY	Lisa S. Volk, CST..... MT	Jeremy John Belter, CST, OPA-C WI
Sharlena Monique Liggins, CSTMD	Elizabeth Susan O'Brien, CST ... NY	Joshua David Sears, CST, CSFA ... NC	Ondrea H. Wade, CSFA..... OK	Rosario O. Benavides, CST ..... TX
Brittney Carol Litton, CST ..... TN	Dominic Dominic Oakes, CST ... IN	Vickie A. Seaver ..... VT	Beth A. Waldron..... NH	Carl Benzel, CST ..... WA
Danita Airolee Lively-Jones, CSTKY	Lori Ann Ochoada, CST ..... TX	Erin L. Serrecchio, CST ..... FL	Jennifer L. Walker, CST..... WV	Kellie Lynn Berens, CST..... MN
Angela Snipes Lloyd ..... SC	Jeanette A. Ogle..... AL	Ashley Rae Sheets, CST..... FL	Lance D. Wallace, CST ..... ID	Sandra Diane Beringer, CST, CSFATX
Queen RodaLynn Lockett, CST.. CA	Jenny Lee Oien, CST ..... MN	James E. Sherrod..... NY	Tina Marie Walsh, CST ..... MN	Annette Berman, CST..... TX
Delia M. Lowe, CST..... IN	Sherri Lynn Oppen, CST..... WI	Jennifer R. Shetler, CST ..... MN	Dorothy L. Watson, CST..... NJ	Diane G. Blankenship, CST ..... MA
Dora Maddas, CST..... CA	Jacqueline Osei-Owusu, CST.... NJ	Melissa Kay Shnowske, CST..... WI	Lindsey Renee Watt..... SC	Cara Rane Blevins, CST, CSFA... OK
MaryEllen Malanik ..... NY	Tabatha Montrelle Oswald, CST FL	Eduarda Maria Simao, CST..... CT	Suzanne Lynne Welch, CST, CSFANH	Andrea Beth Board, CST..... VA
Eddie Carlos Maldonado, CST... FL	Jinny Louise Palmer, CST..... MI	Rod A. Sklar, CST..... WV	Kristi L. Welliver, CST ..... KS	Samantha Boisseau, CST ..... VA
Bryson C. Manker ..... PA	Wen Jen Pan, CST..... TX	Jacob D. Skoruppa, CST, CSFA, SA-CTX	Dorian A. Weston, CST ..... IN	Kendra Eve Bosche Anderson, CST..... ND
Christina L. Marble, CSFA ..... AZ	Sharon S. Parmar, CST ..... IL	Christopher J. Smith, CST, CSFA... IL	Marcia Denise White, CST..... GA	Cheryl A. Boss, CST ..... IN
Lindsey Kathryn Marlow, CST. IN	Emily Denise Paul, CST..... TN	Cindy Rae Smith, CST..... CO	Alecia Alene Williams, CST..... TN	Julie A. Botts, CST ..... TN
Michelle Rae Marshall, CST, CSFAWI	De Anna Marie Pearson, CST.... TX	Daryl J. Smith ..... HI	Brooke M. Williams, CST..... CA	Shannon R. Bough, CSFA..... OH
Charmaine Martin, CST..... TX	Cara Nichole Pellerin, CST..... NC	Lizelle B. Smith..... VA	Holly Ann Williams ..... TX	John Hugh Bowling, CST, CSFA ... CO
J. Achim K. Martinez, CST..... GA	Glenda S. Pessetti, CST..... MO	Shanell C. Smith, CST..... MD	Qiana Menyong Williams, CST, CSFA ..... FL	Tammy Lynn Brittain, CST ..... OH
Anna Marzullo, CST ..... IL	Kelly Jean Peterson Freeman, CST ..... FL	Wanda Jean Smullen-Lawrence, CST ..... MD	Tammy Jane Wills, CST ..... PA	Mary Brniak, CST ..... IL
Jacqueline Marie Masicampo, CST ..... TN	Anne M. Peterson, CST..... CA	Jennifer Michelle Snelling, CST ID	Jennifer E. Willson, CST..... MA	Brittany Jane Brothers, CST ..... KY
Rachel L. Mathis, CST ..... GA	Lissa J. Petrucci, CST..... NY	Samantha Joanne Snyder, CST, CSA ..... KY	Anitra Wilson, CST, CSFA ..... GA	Elena D. Brown, CST, CSFA ..... SC
Melissa Ann Mays, CST ..... IN	Robert Victor Pielacet, CST..... WA	Ruth E. Solis, CST..... GA	Sarah Emily Winsett, CST..... KY	Kimberley J. Brown, CST ..... WV
Terry D. McBryde, CST..... FL	Jeffrey A. Prater, CST, CSFA..... IN	Elba Nelly Soto-Gonzalez, CST . GA	Kelli A. Wixo, CST..... CO	Shannon Marie Brown, CST..... FL
Kelley J. McCarty, CST, CSFA..... ME	Heidi N. Pratt, CST ..... ME	Ginette Soule, CST ..... NY	Dara M. Wolff, CST ..... CA	Tonda L. Brunner, CST, FAST ..... PA
Sara J. McCaslin, CST ..... IA	Violet Rahmouni, CST ..... FL	Leah N. Spinks, CST, CSFA..... TX	Kelly J. Wood, CST..... WV	Stephanie Lynn Bryant, CST .... GA
Jennifer Eichelberger McDermott, CST, CSFA ..... PA	Yolanda Garza Ramirez, CST.... TX	Jamie S. Stamper, CST ..... IL	Brandy Meads Wooten, CST..... NC	Brandon Ray Buckner, CST ..... TX
Kathleen M. McKenney, CST... NY	Amy Marilyn Ramler, CST..... MN	Nicole Lynn Stapleton, CST ..... IN	Lori A. Wooten, CST ..... NC	Jessica L. Buerck, CST ..... MO
Geoffrey Elliott McNeave, CST, CSFA, CSA ..... FL	Sara J. Rebney, CST ..... MN	Christina Marie Stebbins, CST .. AZ	Sherri Christine Wright, CST, CSFAIA	Sandra Kay Bunting, CST..... MI
Penny Kay McReynolds, CST ... TN	Jennifer M. Redinger, CST..... AZ	Helen Y. Stedman, CST ..... FL	Johnathan D. Yarde, CST ..... NY	Melissa K. Burton, CST, CSFA ..... TX
Maria I. Melchor, CST ..... TX	Michelle L. Reed, CST ..... WV	Stewart A. Steinacher, CST ..... NY	Ramona S. Yazzie ..... AZ	Connie J. Burtsfield, CST ..... IN
Sharon M. Meninno, CST ..... MA	Rhonda Dianne Reese ..... NC	Brent O. Stensland, CST..... MI	James Christian Young, CST, CSFAWV	Paul Edward Butler, CST, CSFA.... FL
Crystal C. Menser, CST, CSA ..... KY	Karen Hilomi Resnick, CST ..... PA	Corine Kay Stepan, CST ..... WI	Michelle Lee Young, CST..... SD	Sondra Elizabeth Butler, CST.... SC
Amy Lynn Merkle, CST ..... FL	Andrew Reyes, CSFA ..... CA	Gina L. Stephenson, CST ..... FL	Christi Muraski Zahm, CST..... PA	Lizel Arellano Cabuhat, CST ..... HI
Dolores L. Mezo, CST ..... CT	Narkia D. Richardson..... GA	Amanda Sue Stepney, CST ..... SC		Marion Louise Caldwell, CST, CSFA. .... GA
Stephanie L. Mikus, CST ..... NJ	Susan Rebecca Rickman, CST... NC	Janet L. Stewart, CST..... TX	Carina Tercero Abayon, CST ..... CA	Laura Lynn Callsen, CST..... AK
Carrie Elizabeth Miller, CST, CSFAKY	Norma M. Rihm, CST..... FL	Christine Stiffler, CST..... FL	Anna M. Abbas, CST..... SD	Katie Lynn Cameron, CST ..... ND
Harriet Marscena Miller, CST ... SC	Patricia A. Ripley, CST..... NJ	Lisa Marie Strutin, CST ..... NJ	Michelle Lynn Abeare, CST, CSFA TN	Alexis Campbell, CST ..... ID
Nancy Jane Miller, CST ..... WA	Deborah Sue Rissmiller, CST.... PA	Jennifer Ann Sucher, CST, CSFA .. ID	Dominique Marie Abernathy, CST ..... TX	Keyondra S. Campbell, CST ..... TN
Sara Lynn Miller, CST ..... MN	Joe Gabriel Rivera, CST..... TX	Stacy Jean Summers, CST, CSA .. IN	John H. Ackerman, Jr., CST, CSFA SC	Pauline A. Campbell, CST ..... NC
Taibren Trekeese Mitchell, CST MS	Emmanuel Abednego Rivers, CST ..... GA	Kimberly A. Swann, CST..... TN	Eva M. Adamski, CST..... CT	Paula T. Campisi, CST ..... CT
Erin Sheigh Moore, CST, CSFA.... TX	Kellie D. Roberts, CST ..... AZ	Danae N. Swindle ..... IN	Rose F. Aihara, CST..... GA	Raul Canchola, CST..... CA
Melissa Dawn Moore, CST..... CA			Marlene Marcia Albert, CST..... FL	Meegan S. Cardwell, CST, CSFA .. TN
				Jason Edward Carnes, CST ..... TN

## 24+ YEARS

Joan Marie Carpenter, CST..... MI	Kendra D. Emmick, CST ..... KY	Candi Hazelwonder, CST, CSFA, SA-C	Nasha Ann Letner-Parson, CST, CSFA	Jennifer Leah Murray, CST..... TN
Victoria Lynn Carter, CST..... GA	Christina Engquist, CST ..... WI	..... IL	..... TN	Charlotte M. Napier, CST..... TN
Gus Gomez Casillas, CST ..... TX	Tonya Michelle Eppse, CST..... OH	Trudy M. Hebert, CST ..... AR	Ruben A. Lewis, Jr., CST ..... NY	Ramon Navarro, CST..... NJ
Deanna Marie Cass, CST ..... IN	Carey Renea Evans, CST, CSA ..... KY	Sheri L.P. Hee, CST ..... HI	Tracy Marie Ligon, CST ..... FL	Dedi Lynn Nelson, CST ..... IL
Stacey Castro, CST ..... GA	Daisy M. Evans, CST ..... GA	Shawn A. Heller, CST..... TX	Krista S. Lindenberg, CST..... IN	Michele L. Neuroh, CST ..... OH
Margaret Catapano..... NY	Pamela Evans, CST ..... LA	Samuel Henderson, CST, SA-C ..... TX	Lena R. Lopez, CST..... TX	Lola Jo Nick, CST ..... OR
Felicia G. Catron, CST, CSFA..... KY	Kelsey Ann Fackrell, CST..... ID	Heather J. Henry, CST ..... MD	Valentin Vidal Lopez, CST, CSFA.. TX	Eric Dean Nielsen, CST ..... UT
Rachel Bean Caughron, CST, CSFA TN	Holly L. Falcon, CST, FAST..... CO	Mary Henry, CST..... OH	Nicole Ann Lorino, CST ..... WI	Rene Nieto, CST, CSFA ..... TX
Karina Edith Chapa Vargas, CST TX	Angela Delores Faunteroy, CST MD	Lisa Ann Herbold, CST ..... NY	Toni Eileen Loveday, CST ..... OH	Janice A. Novak, CST ..... IL
Christina Lou Cherrill, CST ..... SD	Darci L. Ferchau-Aillard, CST .... NC	Cynthia Ann Herman, CST ..... TN	Stefanie Ann Lowery, CST, CSFA . NC	Susanne Lynn Novak, CST ..... FL
Kathryn Joan Chittenden Torba, CST	Zulma Fernandez, CST..... NJ	Elvia Hernandez, CST ..... FL	Jacqueline Ann Lyons, CST ..... MI	Gerica F. Nowlin, CST ..... SC
..... MN	Annett Findlay, CST..... TX	Misha S. Herndon, CST..... WV	Crystal M. Maag, CST ..... OH	Chelsea Rae Nyandiekha, CST, CSFA
Jennifer Elaine Ciptak, CST..... OH	Autumn Lee Finnila, CST..... MI	Francisco Herrera, Jr., CST..... TX	Aaron Lee Mace, CST ..... PA	..... WI
Kristin Renee Clark, CST, CSFA... FL	Cheryl Elaine Fishell, CST..... AZ	Lisa Jean Hillman, CST..... MI	Roderick T. Maceda, CST..... SC	Nicole Nadeana O'Neill ..... IL
Patricia Martin Clarke, CST ..... MD	Leah Fisher, CST ..... IN	Allyn D. Hilton, CST ..... ID	Heidi Nicole Mackos, CST..... IN	Justine N. Onesy, CST ..... SC
Tammy B. Coe, CST ..... NC	Betsy K. Fleury, CST ..... NC	Julia A. Hinkle, RN, CNOR ..... KY	Leisha F. Madalone, CST..... OK	Diana A. Ortiz ..... NJ
Amanda Shawn Coffey, CST..... TN	Michelle M. Foley, CST..... NH	Sarah Lee Hiser, CST..... OR	Roxanne Marie Madrid, CST, CSFA AR	Angela McCall Owen, CST ..... NC
Lisa M. Collins, CST ..... SD	Anglia Foote, CST..... WA	Tonya Kay Hogan, CST..... MO	Ima Jean Mahutga, CST ..... MN	Christy Michelle Owen, CST .... TN
Martyn James Colman, CST, CSFA FL	Kassandra D. Ford ..... TX	Kimberly Rosanne Holbrook, CST	Marian Ruth Mallam, CST..... WI	Serena Ann Oxendine, CST ..... MA
Pamela Denise Comer, CST..... TN	Lisa Ann Fordyce, CST ..... OH	..... TX	Vera P. Mansfield, CST, CSFA, SA-CID	Kendra Parks..... OH
Brooke S. Compliment, CSFA... NC	Katherine A. Foults ..... MI	Jodi M. Holtman, CST, CSFA..... PA	Lucinda Renee Martin ..... AZ	Bridget Elaine Parr, CST ..... IN
Catherine V. Cooper, CST..... OR	Rose M. Fournier..... IN	Robert Paul Holybee, CST ..... OK	Darlene W. Martinez, CST ..... TX	Amanda Lynn Parsley, CST ..... TN
Mariella Cordova, CST ..... NJ	Kimberly Ann Fox, CST ..... MI	Melanie Lynn Hord, CST ..... TN	Lana K. Mason ..... TX	Christopher Michael Pastor, CST PA
Sharon Kay Corona, CST..... LA	Kathy C. Frankfort, CST..... PA	Jill Marie Hromek, CST ..... WI	Angel Matevosian, CST ..... CA	Nathan Andrew Peak, CST ..... KY
Robert D. Corrigan, CST ..... NY	Angela M. Franklin, CST ..... NH	Kristen Lee Hurst ..... VA	Brooke Nicole Matthews, CST .. ID	Laura Lee Pearce, CST ..... FL
Denise Mae Cosper, CST ..... GA	Rebecca DiAnn Franklin, CST ... TX	Karen Marie Iannelli, CST ..... PA	Amy Mautner, CST, CSFA ..... LA	Eileen Jennifer Pechal, CST .... TX
Carla Sue Craft, CST ..... IL	Lynn Frist, CST ..... ME	Ruby A. Iruegas, CST ..... MO	Roberta M. Mazingo, CST..... NC	Gina Marie Pehringer, CST..... WY
Kim Wyon Crews, CST ..... TX	Katrina Rose Fuller, CST..... VA	Jennifer Smith Jacobs, CST ..... TN	Lisa E. McBride, CST ..... TN	Monica M. Pelaez, CST ..... NJ
Katherine Lorraine Crockett, CST NY	Jennifer Marie Fultz, CST ..... PA	Raul A. Jarquin, CST..... TX	Kathleen Ann McConnell, CST .. IN	Adam Bradford Perryman, CST .OR
Robyn Kelly Crowder, CST ..... CA	Kari K. Gaedeke, CST ..... NE	Brenda A. Jenkins, CST ..... NE	Denise E. McCroskey, CST..... WV	Ryan Brice Person, CST ..... NC
Andrea Nicole Csellar, CST..... NE	Shawn Bernae Gant, CST ..... CA	Laurel R. Johnson, CST ..... MI	Brenda S. McField, CST..... GA	Olumide A. Peters, CST ..... CA
Anita Rose Dalen, CST ..... MN	Efren Garcia, Jr., CST, CSFA..... TX	LuRinda Marie Johnson, CST .... WI	Sandra S. McGay, CST ..... NY	Karen Ann Petricig, CST ..... RI
Dawn Schaub Davis, CST ..... IN	Viane Garcia, CST ..... TX	Shelley R. Johnson, CST ..... OH	Josette McGee, CST ..... TX	Sheri Lynn Phares, CST ..... OH
Tammy Myers Davis, CST ..... NC	Lisa Marie Garner, CST ..... OH	Tameka LaShelle Johnson, CST . FL	Carolyn Susanne McGinty, CST . NE	Jennifer B. Phillips, CST..... SC
Mike Paul De Anda, CST ..... CA	Anita L. Garrett, CST, CSFA ..... VA	Yvette Johnson, CST ..... OH	Gina A. McHugh, CST ..... ME	Jude Pintro, CST ..... NY
Brenda C. Deadman, CST ..... IN	Maria Luisa Garrick, CST, CSFA ... FL	Ashley A. Jones, CST ..... KY	Leslie Jordan McIntyre, CST.... SC	Justine D. Pitts..... NY
Peter Gary DeGrande, CST..... MT	Carolyn C. Gaude, CNOR..... LA	Cari Alise Jones, CST ..... IN	Kelly K. McKee, CST ..... ID	Vilma Plagata, CST ..... CA
John Edward Delossantos, CST . VA	Caroline Marie Geissler, CST ... NM	Kelly Ann Jordan, CST ..... IN	Keri DeLaine McKenney, CST, CSFA ID	Lisa Closen Podes, CST, CSFA .... FL
Tara C. Dempsey, CST..... KY	Sarah Rae Gertken, CST ..... MN	Lisa D. Joyner, CST ..... SC	Kristopher R. McNeil, CST, CSFA . FL	Fleshia Lynne Poteet, CST, CSFA. KY
Jennifer M. Demuth, CST ..... NE	Karim Ghazli, CST, CSA..... FL	Rhonda G. Keith, CST ..... IL	Margaret McVicker, CST, CSFA ... NV	Karen Lee'Ann Powell, CST ..... TX
Kristina A. Dillard, CST ..... SC	Pamela Giambalvo, CST..... NY	Ryan Keith Kelley, CST ..... TX	Margaret Ann Meadors, CST .... AR	Rebecca A. Powers, CST..... PA
Cynthia Ann Djemrovski, CST... TN	Stephanie Lateacha Gilliard, CST GA	Terry J. Kennedy, CST..... CT	Samehesha Dafina Medina, CST CA	Kiyana Pratt, CST ..... CA
Jennifer Lynn Donnan, CST, CSFA MO	Sarilu A. Godfrey-Smith, CST... PA	Jennifer W. Kern, CST..... MN	Brenda Iliana Mejia, CST..... CA	Ron V. Preston, Jr., CST ..... WA
Shannon Jae Dorris, CST ..... MI	Kristi Marie Godlewski, CST, CSFA WI	Charlotte Ann Kersey, CST..... PA	Gudelia Melendez, CST ..... FL	Jason Paul Prunick, CST ..... MI
Tracey L. Downing, CST ..... NC	Misty Locklear Godwin, CST..... NC	Tara M. Kersey..... PA	Steven Alton Miley, CST, CSFA ... TX	Brittney Gayle Quisenberry, CST,
Tito Christopher Drakeford, CST NJ	Kristena Lee Goen, CST, CSFA .... TX	Mary Ann Zafico Khemlani, CST . IL	Scott M. Miller, CST ..... VA	CSFA ..... KY
Francoise Drigo, CST ..... FL	Jose Roberto Gonzalez, CST ..... TX	Kathleen A. Killory, CST..... FL	Julie A. Milz-Landini, CST ..... WI	Christie M. Rackham, CST ..... TX
Steve J. Dubovik, CST..... IL	Josie Carolina Gonzalez, CST .... OR	Denise M. King, CST ..... TX	Alicia Yvonne Mingo, CST, Ph.D NY	Amy Rademacher, CST ..... NM
Twila J. Dubs, CST..... SD	Kristina Marie Gonzalez, CST ... CA	Elizabeth P. King, CST ..... MI	Amanda Susan Minor, CST, FAST. PA	Juan Carlos Ramirez, CST, CSFA .. TX
Melissa Dulin, CST, CSFA ..... TX	Ruben Gonzalez, CST ..... TX	Tabatha K. Kingsbury, CST..... FL	Carolyn L. Minter, CST..... TX	Keith D. Rampersad, CST, CSFA .. FL
Trischa A. Dumbrow, CST ..... OH	Jacqueline Gordon, CST ..... FL	Angela Jean Kittle, CST..... GA	Arnavaz Kaiyoz Mirza, CST..... MA	Kate Elizabeth Reed, CSFA..... TX
Jeri Lynn Duncan, CST ..... TX	Coretta Gothie, CST ..... GA	Marc Jason Klein, CST ..... FL	Kathryn Ann Moergen, CST .... CO	Andrea Michelle Revels, CST ... FL
Lynn P. Dunn-Matheson, CST ... IL	Theresa Pamela Granados, CST. CA	Matthew K. Krahmer ..... FL	John N. Molly, CST ..... NY	Marcia A. Rex, CST ..... IN
Kimberly D. Durrant, CST ..... UT	Christy J. Gray, CST, CSFA ..... KY	Jennifer A. Kreller ..... TN	Delois A. Montgomery, CST.... MD	Melissa N. Reynolds, CST ..... KY
Billy Christopher Eakright, CST. IN	Jill E. Groseclose, CST ..... CO	Marilyn Katherine Kuehn, CST, CSFA	Jason Thomas Moore, CST ..... ID	Geraldine C. Rhodes ..... NC
Mary K. Earls, CST..... IL	Donna Marie Guy, CSFA ..... MD	..... TX	Jennifer Moore, CST ..... IN	Juanita Rich, CST ..... OH
Dusty Irene Egbert, CST..... MT	Debra M. Hamby-Negron, CST. FL	Jason Owen Kuykendall, CST... MO	Robert David Moore, CST ..... TX	Sheila Richard, CST, CSFA ..... FL
Betty Ann Egri, CST ..... TX	Tommy Dean Hammerbeck, Jr.,	Eric A. Lalama, TS-C ..... PA	Sandra Kay Moore, CST ..... TN	James P. Richey, CST..... VA
Karen Eisner, CST..... IL	..... CST, FAST, SA-C..... PA	Lucas Adam Hannigan, CST .... VA	Madrina Leshia Morgan, CST ... MS	Marcelina E. Rierson, CST ..... TX
Malinda N. Elammari, CST ..... NC	Ashley Elder Hansen, CST, CSA .. KY	Terrence T. Lawson, CST ..... CA	Michael David Morsette, CST, CSFA,	Jennifer L. Riley, CST ..... TX
Stephen Michael Eller, CST, CSFA NC	Matthew L. Harris, CST ..... GA	Lourdes Leal, CST, CSA ..... TX	CSA ..... KY	Ginamarie Rivera, CST..... NY
Angela Marie Elliott, CST ..... TX	Cynthia Hattan, CST..... ID	Shane L. LeFaure, CST ..... IN	Leslie Brook Moye, CST ..... GA	Lidia Rivera, CST..... NY
Cheri Lucille Elmore, CST ..... TX	Shawn R. Hayden, CST, CSFA .... NV	Jared Michael Lehman, CST .... NY	Kelley N. Moyer, CST ..... WV	Sandra Lee Roberson, CST..... MN
Laci Gail Elsheimer, CST..... OK			Paula Jene Munns, CST ..... IL	Susan Elaine Rodas, CST, CSFA... TX



Mark S. Rodgers, CST..... FL	Christine R. Shaw, CST ..... CT	Amanda Celeste Stone, CST..... KY	Alisa R. Trial, CST ..... MA	Shannon Kay West, CST, CSFA.... NV
Karan Louise Rodrigues ..... HI	Marcy Lee Showalter, CST ..... FL	Aneta M. Storti, CST ..... IL	Tracy S. Trivitt, CSFA..... AZ	Kari Ann Whalen, CST ..... MN
Kimberly Ann Rodriguez, CST . OH	Zina B. Singletary, CST ..... NC	Theresa F. Straughter, CST..... LA	Roosevelt Tucker, CST ..... CA	Deon L. Whitely, CST ..... NY
Yineth A. Rodriguez, CST ..... CT	Angela Marie Skarphol, CST.... ND	Sheila Kay Strickland, CST..... NC	Tracy Jo Tyson, CST ..... MO	Wendy A. Whittaker..... NY
Tara L. Roe, CST ..... IN	Jennifer Lynn Slaven, CST, CSFA. TN	Amanda Charity Stroud, CST, CSFA NC	Gretchen May Uehling, CST..... ID	Jewell LaDeana Wilder, CST ..... TX
Tera J. Romo, CST, CSFA..... IL	Christopher Donald Smelker, CST. .... MI	Linda Jill Stroud, CST..... MO	Mia Ugalde-Waldron, CST..... CA	Denise J. Wilkes, CST..... WA
Charity Rae Rondo, CST..... MT	Christy A. Smith, CST ..... LA	Tami Jo Swain, CST ..... FL	Christina Renee Underwood, CST TN	Catherine Marie Williams, CST OH
Rolando Rosario, CST ..... CT	Emma R. Smith, CST ..... WV	Faith Swann, CST ..... VA	Yolanda Maria Valdez Lovelady, CST ..... AZ	Inett Williams, CST..... SC
Richelle Rose, CST, CSFA..... PA	Jaime L. Smith, CST ..... IN	Rachel Jill Swanson, CSFA..... NE	Lauren Howard Varner, CST..... NC	Jeanine R. Williams, CST..... CO
Michele Theresa Rotolo, CST ... NY	Lora Michelle Smith, CST ..... OH	Lisa Anne Sweet, CST ..... OH	Juan Jose Vasquez, CSFA ..... FL	Kristy L. Williams, CST ..... AR
Rebecca Sue Royer, CST ..... TN	Stacey Ellen Smith, CST..... CT	Lisa Rene' Taite, CST..... TX	Vanessa Ann Vela, CSFA ..... TX	Naomi Angelette Williams, CST FL
Robert D. Rudd, CST ..... OH	Tina Louise Smith, CST, CSFA ..... KY	Arica P. Talati, CST ..... NC	Marc Anthony Velez, CSFA..... VA	Pamela W. Williams, CST ..... NC
Joanne Ruscio, CST, CSFA ..... FL	AnaMaria Solis, CST..... ID	Danielle Rochelle Tatmon, CST. TX	Catherine J. Ventura, CST ..... NY	Sara R. Wilson, CST ..... MN
Jeyra Damarys Sa, CST ..... FL	Susan Colette Souza, CST..... NC	Julie Osiris Taylor, CST, CSFA..... SC	Nisha Rochelle Wagaman, CST. NC	Heather Lynn Winchester, CST. IN
Emmanuel R. Samonte ..... MA	Heidi Jean Spaeth, CST..... WI	Kim P. Taylor, CST..... GA	Lisa Danelle Walck, CST, CSFA.... OK	Robert C. Wing, CST, CSFA ..... NV
Joshua Sanchez, CST..... CA	Joseph A. Spinelli, CST ..... NY	Sarah Tejeda, CST ..... FL	Shelly Lynn Waldecki, CST, CSFA OH	Dale Roberta Wise, CST..... OK
Tanya Renee Sanders, CST ..... IN	Dieula St Val, CST..... NY	Amanda LuAnn Temple, CST..... TN	Lakeisha M. Walker, CST ..... MD	Stacy Ann Witt, CST, CSFA..... TN
Susana M. Santos, CST ..... NJ	Tammy Lynn Stajnrjrh, CST ..... PA	Kathleen D. Terwey, CST ..... WI	Kathryn C. Wallaesa, CST ..... PA	Lori A. Woodcock, CST..... IA
Akita De Jesus Scales, CST..... GA	Tammy Sherrail Starks, CST ..... SC	Brooke Janell Thiele, CST ..... PA	Lisa Ann Wapenaar, CST..... OH	Angela Vernell Woods, CST..... TX
Tammy J. Schaefer, CST, CSFA, FASTAR	Melissa Grace Wandag Starling, CST ..... CA	Chad Ryan Thomas, CST, CSFA ... AZ	Karla Renee Warren, CST, CSFA .. FL	Courtney Marie Wozniak, CST .. NE
Jessica Michelle Schmidt, CST.. TX	Christine Ann Stephens, CST..... IL	Jeffrey A. Thompson ..... NY	Sandra L. Watson, CST..... OK	Eric M. Yoder, CST ..... PA
Brigitte Scott..... TX	Karla P. Stevenson, CST ..... AZ	Shari L. Thompson, CST, CSFA ..... IL	David Webb, CST ..... TX	William R. Young, II, CSFA ..... MO
Christopher James Scott, CST, CSFA ..... TX	Dorothy Lynn Stewart, CST..... TN	Logan Ray Threet, CST ..... KS	Wanda Lois Wegener, CST..... TX	Roy G. Zacharias, Jr., CST, FAST .. TN
Ericca Scott, CST..... TX	Jamie M. Stewart, CST ..... KS	Charles Richard Timm, CST ..... AR	Sarah Maria Welford, CST..... MS	Brooke Keane Zeigler, CST ..... GA
Derek S. Scuteri, CST ..... MA		Stacey Dawn Tolliver, CST..... OH	Tommie L. Wells, CST, CSFA, FAST MS	Shireese Stephenie Zuniga, CST. CA
		Esteban Torres, CST ..... TX		

# SPEAK UP!

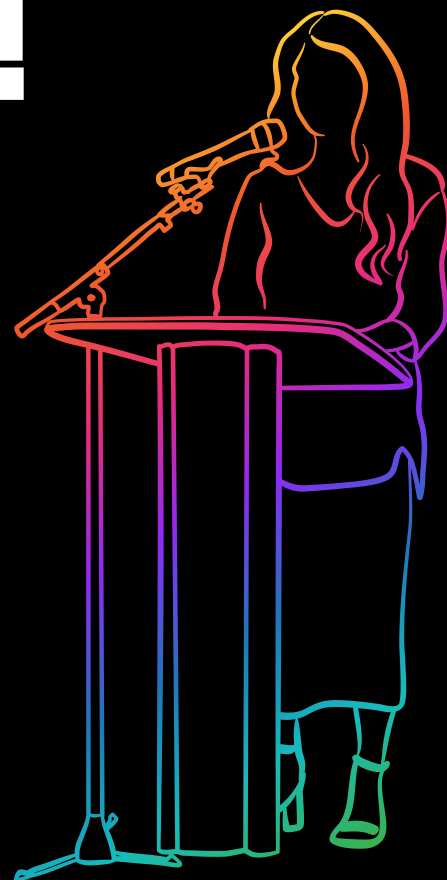
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# UPCOMING PROGRAMS



**AST MEMBERS:** Keep your member profile updated to ensure that you receive the latest news and events from your state. As an AST member you can update your profile by using your login information at [www.ast.org](http://www.ast.org). You may also live chat at [www.ast.org](http://www.ast.org) or contact Member Services at [memserv@ast.org](mailto:memserv@ast.org) or call 1-800-637-7433. AST business hours are Monday-Friday, 8 am - 4:30 pm, MST.

## ALABAMA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 8, 2025

**Title:** Marching Into Excellence

**Online Registration:** [alabamaastinfo.org](http://alabamaastinfo.org)

**Location:** Brookwood Baptist Medical Center, 2010 Brookwood Medical Center Dr, Birmingham, AL 35209

**Contact:** Abigail Jones, 334-389-1250, [abigailcarter8614@gmail.com](mailto:abigailcarter8614@gmail.com)

**CE Credits:** 6

## ARIZONA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 1, 2025

**Title:** Wild Wild West: A Trauma Event and Annual Business Meeting Online

**Registration:** [azsaofast.org](http://azsaofast.org)

**Location:** HonorHealth - Network Support Services Center (NSSC), 2500 W Utopia Road, Phoenix, AZ 85027

**Contact:** Cecilia Sheridan, [azsa.assembly@gmail.com](mailto:azsa.assembly@gmail.com)

**CE Credits:** 4 Live

## ARKANSAS STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 8, 2025

**Title:** Spring Forward with Surgical Precision

**Online Registration:** [ar.ast.org](http://ar.ast.org)

**Location:** National Park College-Student Commons, Bldg Rms 122-124, 101 College Dr, Hot Springs, AR 71913

**Contact:** Tamara Morgan, 479-414-6720, [tamara.morgan@uaafs.edu](mailto:tamara.morgan@uaafs.edu)

**CE Credits:** 6

## CALIFORNIA STATE ASSEMBLY

**Program Type:** Webinar (approved only California State Assembly members)

**Date:** March 15, 2025

**Title:** What is ECMO?

**Contact:** David Reyes, 323-206-0031, [reyes.david920@gmail.com](mailto:reyes.david920@gmail.com)

**CE Credits:** 1

## COLORADO/WYOMING STATE ASSEMBLY

**Program Type:** Webinar (approved only Colorado/Wyoming State Assembly members)

**Date:** April 26, 2025

**Title:** April Showers

**Contact:** Julie Beard, 720-256-5863, [information@coloradoast.com](mailto:information@coloradoast.com)

**CE Credits:** 3

**Program Type:** Webinar (approved only Colorado/Wyoming State Assembly members)

**Date:** July 30, 2025

**Title:** Working Wednesday

**Contact:** Julie Beard, 720-256-5863, [information@coloradoast.com](mailto:information@coloradoast.com)

**CE Credits:** 2

**Program Type:** Annual Meeting/Elections

**Date:** September 27, 2025

**Title:** 2025 Business Meeting

**Location:** Denver Health, 777 Bannock St, Denver, CO 80204

**Contact:** Julie Beard, 720-256-5863, [information@coloradoast.com](mailto:information@coloradoast.com)

**CE Credits:** 5

## FLORIDA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** April 5, 2025

**Title:** Spring into 2025!

**Location:** St. Joseph's Hospital, MAB Conference Rooms, 3001 West Doctor Martin Luther King Junior Blvd, Tampa, FL 33607

**Contact:** Stephanie Hurst, [flsastateassembly@gmail.com](mailto:flsastateassembly@gmail.com)

**CE Credits:** 5.5 Live

## GEORGIA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 8, 2025

**Title:** Knowledge in Bloom

**Online Registration:** [ast-gasa.com](http://ast-gasa.com)

**Location:** Gwinnett Technical College, 5150 Sugarloaf Pkwy, Lawrenceville, GA 30043

**Contact:** Erin Baggett, PO Box 109, Auburn, GA 30011, 678-226-6943, [gasawebmaster@gmail.com](mailto:gasawebmaster@gmail.com)

**CE Credits:** 7

## IDAHO STATE ASSEMBLY

**Program Type:** Workshop & Webinar (webinar approved only Idaho State Assembly members)

**Date:** April 5, 2025

**Title:** Morning Munch & Meet

**Location:** St. Luke's Central Plaza Auditorium, 720 Park Blvd, Boise, ID 83712

**Contact:** Dani Hammer, 208-283-3693, [daniroesler5@gmail.com](mailto:daniroesler5@gmail.com)

**CE Credits:** 4

#### ILLINOIS STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 15, 2025

**Title:** ISA 2025 Annual Business Meeting, Seminar and Elections

**Online Registration:** <https://www.illinoisstateassembly.com/>

**Location:** Illinois Central College Peoria Campus Student Center, 5407 N University St, Peoria, IL 61635

**Contact:** Sonya Conton, 5407 N University Cedar Hall C105J, Peoria, IL 61635, 309-690-7568, [sonya.conton@icc.edu](mailto:sonya.conton@icc.edu)

**CE Credits:** 7 Live

#### INDIANA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 1, 2025

**Title:** ISA Spring Conference 2025

**Location:** Ivy Tech Community College Terre Haute, 8000 S Education Dr, Terre Haute, IN 47802

**Contact:** Lora Hofmann, PO Box 421673, Indianapolis, IN 46242, 812-201-9563, [lhofmann1@ivytech.edu](mailto:lhofmann1@ivytech.edu)

**CE Credits:** 6

#### IOWA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** April 5, 2025

**Title:** IASA Spring 2025 Workshop

**Online Registration:** [ia.ast.org](http://ia.ast.org)

**Location:** Western Iowa Tech Community College, 4647 Stone Ave, Sioux City, IA 51106

**Contact:** Tim Danico, 319-540-6008, [tti-mo-thy-danico@uiowa.edu](mailto:tti-mo-thy-danico@uiowa.edu)

**CE Credits:** 8

#### KANSAS STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 29, 2025

**Title:** KSAST Spring 2025 Seminar and Elections

**Online Registration:** [facebook.com/ksaofsurgicaltechnologists](https://facebook.com/ksaofsurgicaltechnologists)

**Location:** Washburn Tech, 5724 SW Huntoon St, Topeka, KS 66604

**Contact:** Sarah Handley, PO Box 268, Pratt, KS 67124, 308-830-2992, [ks.st.assembly@gmail.com](mailto:ks.st.assembly@gmail.com)

**CE Credits:** 5

#### MAINE STATE ASSEMBLY

**Program Type:** Workshop

**Date:** May 10, 2025

**Title:** MESA Spring Conference

**Location:** MaineHealth Maine Medical Center Portland - Dana Center, 22 Bramhall St, Portland, ME 04102

**Contact:** Brittany Babb, 910-477-1559, [brittany.babb@mainehealth.org](mailto:brittany.babb@mainehealth.org)

**CE Credits:** 6

#### MARYLAND/DELAWARE STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 15, 2025

**Title:** Spring Workshop

**Location:** Atlantic Sands Rehoboth, 1 Baltimore Ave, Rehoboth Beach, DE 19971

**Contact:** Karen Jones, 302-542-3179, [kjones@chesapeake.edu](mailto:kjones@chesapeake.edu)

**CE Credits:** 6

#### MASSACHUSETTS STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** April 5, 2025

**Title:** Spring Mix 2025

**Location:** St. John of Damascus Church, 300 West St, Dedham, MA 02026

**Contact:** Kristen Urbanek, 617-257-5384, [mastateassembly@gmail.com](mailto:mastateassembly@gmail.com)

**CE Credits:** 4

#### MICHIGAN STATE ASSEMBLY

**Program Type:** Webinar (approved only Michigan State Assembly members)

**Date:** April 12, 2025

**Title:** MSA Spring Conference 2025: Explore, Engage, Elevate

**Online Registration:** [msaast.weebly.com/conference-registration.html](https://msaast.weebly.com/conference-registration.html)

**Contact:** Renona Gauthier, 248-891-3989, [michiganassemblyofast@gmail.com](mailto:michiganassemblyofast@gmail.com)

**CE Credits:** 3

#### MINNESOTA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 29, 2025

**Title:** MNSA 2025 Spring Workshop

**Location:** Anoka Technical College, 1355 US-10, Anoka, MN 55303

**Contact:** Lori Molus, PO Box 163, Becker, MN 55308, 320-492-8747, [mnast2016@outlook.com](mailto:mnast2016@outlook.com)

**CE Credits:** 7

#### MISSISSIPPI STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 29, 2025

**Title:** Shaping the Future: Mississippi State Annual Surgical Technology Business Meeting

**Location:** Holmes Community College, 412 West Ridgeland Ave, Ridgeland, MS 39157

**Contact:** Shea Coleman, 601-605-3396, [tcoleman@holmescc.edu](mailto:tcoleman@holmescc.edu)

**CE Credits:** 5

#### MISSOURI STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 7-9, 2025

**Title:** Missouri AST Spring Conference

**Online Registration:** [mo.ast.org](http://mo.ast.org)

**Location:** CRMC Education Center, 214 McElwain Dr, Cameron, MO 64429

**Contact:** Victoria Thompson, PO Box 1740, Camdenton, MO 65020, 573-836-0637, [victoria.scrub69@gmail.com](mailto:victoria.scrub69@gmail.com)

**CE Credits:** 13

#### NEBRASKA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 8, 2025

**Title:** 2025 NESA Workshop: The Heart of Healthcare

**Location:** CHI Health Bergan Mercy Hospital, 7500 Mercy Road, Omaha, NE 68124

**Contact:** Nebraska State Assembly, PO Box 67034, Lincoln, NE 68506, [nebraskastateassembly@gmail.com](mailto:nebraskastateassembly@gmail.com)

**CE Credits:** 6 Live

#### NEW HAMPSHIRE/VERMONT STATE ASSEMBLY

**Program Type:** Workshop

**Date:** April 5, 2025

**Title:** Spring Conference

**Location:** Elliot Hospital, 1 Elliot Way, Manchester, NH 03103

**Contact:** Lynn Jones, 603-370-1489, [lmwhitney76@gmail.com](mailto:lmwhitney76@gmail.com)

**CE Credits:** 6

#### NEW JERSEY STATE ASSEMBLY

**Program Type:** Workshop

**Date:** April 5, 2025

**Title:** NJAST Spring Workshop

**Location:** Robert Wood Johnson University Hospital, 1 Robert Wood Johnson Pl, New Brunswick, NJ 08901

**Contact:** Kristen Price, PO Box 218, Ridgefield Park, NJ 07660, 908-310-3238, [njast3@icloud.com](mailto:njast3@icloud.com)

**CE Credits:** 6

**Program Type:** Annual Meeting/Elections

**Date:** September 20, 2025

**Title:** 2025 Fall Workshop & Business Meeting

**Location:** Morristown Memorial Hospital, 100 Madison Ave, Morristown, NJ 07960

**Contact:** Janee Flynn, PO Box 218, Ridgefield Park, NJ 07660, 201-658-9922, njast3@icloud.com

**CE Credits:** 6

#### NEW MEXICO STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 1, 2025

**Title:** Spring Ahead Conference, Business Meeting & Elections

**Location:** UNMH North Campus; Domenici Center Auditorium, 1001 Stanford Dr NE, Albuquerque, NM 87193

**Contact:** Ruth Borah, PO Box 66496, Albuquerque, NM 87193, 848-391-3661, ruth.kerrjusinski@gmail.com

**CE Credits:** 4 Live

#### NORTH CAROLINA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 1, 2025

**Title:** NCSA Spring Workshop

**Location:** Duke Health Raleigh Campus, 3400 Wake Forest Road, Raleigh, NC 27609

**Contact:** Brittany Toth, PO Box 902, Mooresville, NC 28115, 507-720-1892, ncsaast@gmail.com

**CE Credits:** 6

#### OHIO STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** April 11-13, 2025

**Title:** Best in the Midwest

**Location:** Renaissance Columbus Westerville-Polaris Hotel, 409 Altair Parkway, Westerville, OH 43082

**Contact:** Michael Pickering, 614-439-3428, ohioast@gmail.com

**CE Credits:** 15

#### OKLAHOMA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** April 5, 2025

**Title:** Spring Conference and Elections

**Location:** Canadian Valley Technology Center, 1701 S Czech Hall Road, Yukon, OK 73099

**Contact:** Miguel Agosto, 580-301-1648, miguelagosto100@gmail.com

**CE Credits:** 6

#### OREGON STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 15, 2025

**Title:** OAST 2025 Spring Conference and Business Meeting

**Online Registration:** oast-registration.square.site

**Location:** Salem Hospital, 890 Oak St SE, Salem, OR 97301

**Contact:** Angie Hansen, 971-319-5686, oast.oregon@gmail.com

**CE Credits:** 4

#### PENNSYLVANIA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 29, 2025

**Title:** Spring Workshop

**Location:** Lackawanna College - Angeli Hall, 501 Vine St, Scranton, PA 18509

**Contact:** Dominique Bekanich, 570-709-4470, bekanichd@lackawanna.edu

**CE Credits:** 6

#### SOUTH CAROLINA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 15, 2025

**Title:** Surgical Shenanigans: St. Patrick's Day Workshop

**Online Registration:** scsaast.org

**Location:** Greenville Technical School, Building 102 Student Success Center, 506 S Pleasantburg Dr, Greenville, SC 29607

**Contact:** Katrina Williams, 843-615-7454, katrinawilliams89@yahoo.com

**CE Credits:** 9

#### TENNESSEE STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 1-2, 2025

**Title:** 25 Years of Excellence

**Location:** Vanderbilt University Medical Center, 1211 Medical Center Dr, Nashville, TN 37232

**Contact:** Ellen Wood, 865-283-5901, ellenwoodtnast@gmail.com

**CE Credits:** 12

#### TEXAS STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 1-2, 2025

**Title:** Best Little Workshop in Texas

**Online Registration:** texasstateassembly.org/event-details/best-little-workshop-in-texas-2025

**Location:** Radisson Hotel-Fort Worth, 2540 Meacham Blvd, Fort Worth, TX 76106

**Contact:** Jaime Lopez, PO Box 152982, Arlington, TX 76015, 432-638-2269, txsastateassembly@gmail.com

**CE Credits:** 15 Live

#### UTAH STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 22, 2025

**Title:** Seeds of Hope: Renewing Life Through Organ Donation

**Location:** IMED-Doty Education Building 6, 5131 Cottonwood St, Murray, UT 84107

**Contact:** Heather Osness, 435-215-1060, heather.osness@utahtech.edu

**CE Credits:** 4

#### VIRGINIA STATE ASSEMBLY

**Program Type:** Annual Meeting/Elections

**Date:** March 22-23, 2025

**Title:** VCSA Spring Business Meeting, Elections and Workshop

**Online Registration:** vcsaofast.org

**Location:** Inova Fairfax Medical Center, 3300 Gallows Road, Falls Church, VA 22042

**Contact:** Lisa Day, 540-422-9471, ldaycsfa@gmail.com

**CE Credits:** 10 Live

#### WASHINGTON STATE ASSEMBLY

**Program Type:** Workshop

**Date:** April 26, 2025

**Title:** WSA Spring Workshop and Student Scrub Bowl

**Location:** Clover Park Technical College, 4500 Steilacoom Blvd SW, Lakewood, WA 98499

**Contact:** Eugene LeRoy, PO Box 55153, Seattle, WA 98155, 903-453-4738, gene.leroy.wsa@lebbbrin.com

**CE Credits:** 7

#### WEST VIRGINIA STATE ASSEMBLY

**Program Type:** Workshop

**Date:** March 22, 2025

**Title:** 2025 West Virginia AST Spring Workshop

**Online Registration:** forms.gle/V1Amp-KPfpXp2LUd8

**Location:** WVU Medicine Thomas Memorial Hospital, 4605 MacCorkle Ave SW, South Charleston, WV 25309

**Contact:** Meloney McRoberts, 304-896-7423, meloney.mcroberts@southernwv.edu

**CE Credits:** 6

## WISCONSIN STATE ASSEMBLY

**Program Type:** Workshop

**Date:** April 5, 2025

**Title:** Head to Toe: Elevating Skills in Surgical Technology

**Location:** Northcentral Technical College, 1000 W Campus Dr, Wausau, WI 54401

**Contact:** Nicole Van Vonderen, 715-350-1088, nvanvonderen12@hotmail.com  
CE Credits: 6

## STATE ASSEMBLY ANNUAL BUSINESS MEETINGS

Members interested in the election of officers & the business issues of their state assembly should ensure their attendance at the following meetings.

### ALABAMA

Birmingham  
March 8, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### ARIZONA

Phoenix  
March 1, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### COLORADO/WYOMING

Denver  
September 27, 2025  
Annual Meeting  
2025 BOD Elections  
& 2026 Delegate  
Elections

### FLORIDA

Tampa  
April 5, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### GEORGIA

Lawrenceville  
March 8, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### ILLINOIS

Peoria  
March 15, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### KANSAS

Topeka  
March 29, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### MASSACHUSETTS

Dedham  
April 5, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### MISSISSIPPI

Ridgeland  
March 29, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### MISSOURI

Cameron  
March 7-9, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### NEBRASKA

Omaha  
March 8, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### NEW JERSEY

Morristown  
September 20, 2025  
Annual Meeting  
2025 BOD Elections  
& 2026 Delegate  
Elections

### NEW MEXICO

Albuquerque  
March 1, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### NORTH CAROLINA

Raleigh  
March 1, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### OHIO

Westerville  
April 11-13, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### OKLAHOMA

Yukon  
April 5, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### OREGON

Salem  
March 15, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### TENNESSEE

Smyrna  
March 1-2, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### TEXAS

Fort Worth  
March 1-2, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### UTAH

Murray  
March 22, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

### VIRGINIA

Falls Church  
March 22-23, 2025  
Annual Meeting  
2025 BOD Elections  
& 2025 Delegate  
Elections

**Program Approvals:** Submit the *State Assembly Program Date Request Form A1* no less than 120 days prior to the date(s) of the program for AST approval. The form must be received prior to first (1st) of the current month for program publication in the next month of the AST monthly journal *The Surgical Technologist*. The *Application for State Assembly CE Program Approval A2* must be received at least thirty (30) days prior to the date(s) of the program for continuing education credit approval. An application submitted post-program will not be accepted; no program is granted approval retroactively.

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