

OUR MISSION AND OUR VISION

The Indiana Hand to Shoulder Center was founded with the vision of delivering the highest quality patient care, providing the most respected postgraduate upper extremity training, and maintaining a work environment that provides excellence. The Indiana Hand to Shoulder Center's mission is to be the premier provider, educator and innovator in the prevention and treatment of upper extremity disorders.

INDIANA HAND TO SHOULDER FELLOWSHIP PROGRAM

A letter to our potential fellowship applicants:

The formal education of a hand surgeon is a daunting task; the field is enormous, ranging from the fingertips, across the wrist, elbow, and shoulder joints, to the brachial plexus, bringing together all aspects of orthopedic, neurosurgery, vascular surgery, and plastic surgery into this single, extremely important area of the body. We believe that the experience a fellow receives during their very short 12-month training period is best supplied through a multifaceted approach, involving a group of diverse, committed educators with varying specialty interests and expertise. The crucial nature of this one year of fellowship training cannot be overstated – it will be the most important year of education for your career!

The Indiana Hand to Shoulder Center and its physician partners have been educating fellows for over 50 years. We believe strongly the best post-residency training in hand surgery is provided from a private practice base. Each hand fellow begins his/her year of postgraduate training not as PGY-6 resident, but as an associate of Hand Surgery Associates of Indiana, Inc., our umbrella corporation.

The fellowship experience at the Indiana Hand to Shoulder Center is contemporary. Not only is every fellow didactically instructed on the fine nuances of practical, clinical hand and upper extremity surgery and rehabilitation, but each is also taught the spectrum of practice issues with which they must manage after completing fellowship and joining an institutional or private hand surgery practice. Extensive didactic lectures and lab training experiences, matched by the wide spectrum of clinical exposures our fellows receive while helping to manage the complexities of our busy hand practice, make our graduating hand fellows some of the best-prepared hand surgeons in the United States. Our fellows are routinely exposed to elective hand to shoulder, reconstructive, arthroscopic, minimally invasive, microsurgical, pediatric hand, and traumatic cases. The volume and breadth of cases performed at our center provides our fellows with an unrivaled opportunity to maximize their surgical repertoire.

Our established fellowship is uniquely positioned to provide you with the extensive training necessary to become a skilled upper extremity orthoplastic surgeon. We look forward to the opportunity to host you for your post graduate fellowship year and welcome you to the IHTSC family.

Sincerely,

The Physicians of Indiana Hand to Shoulder Center



ABOUT THE PROGRAM

Since its inception in 1971, the Indiana Hand to Shoulder Center has been committed to an academic tradition of providing the highest quality postgraduate fellowship education to surgeons from around the entire United States who have completed formal orthopedic, plastic or general surgical training. These surgeons have elected to delay their own practice for an additional year in order to expose themselves to intense training in the field of hand and upper extremity surgery.

Of the many applicants who apply each year for our 12-month fellowship positions, we select 6 to train. We have educated over 250 postgraduate surgeons, each of whom is

board-eligible when they begin the year with us. These young men and women have gone on after the completion of their fellowship with us to disperse themselves nationwide throughout the full spectrum of academic and private practice, including 3 graduates who have become President of the American Society for Surgery of the Hand.



During the program each fellow completes six two month rotations with the Indiana Hand to Shoulder Center orthopedic surgeons following a one on one mentorship training model. They practice in the Indiana Hand to Shoulder Center's 40,000 square-foot facility that includes:

- Three operating room suites
- Two procedure rooms
- Nerve block room
- 18 exam rooms
- X-ray and ultrasound
- Occupational therapy department
- Anatomy lab
- Microvascular skills lab

Each rotation has a mentor-mentee model, with fellows working 1:1 with faculty. Fellows are given progressive responsibility and graduated autonomy and receive privileges in their

core specialty at our partner hospital. Fellows take home call for our Level 1 Trauma hospital with a 1 in 6—night frequency. Average case volumes for our fellows is over 1000 cases/year with broad exposure to all facets of hand, upper extremity, microvascular and microneural surgery.

Fellows are given a \$3,000 educational allowance for the purchase of loupes, textbooks, laptops, etc. Additionally, fellows are provided a 1-week microvascular training course at the Mayo clinic. Fellows are encouraged to apply for a mission trip, and time spent is not counted against each fellow's 3- week vacation allotment. Each fellow also receives 1 week time off to attend a conference of their choice.



EDUCATION

Dedication to teaching and providing higher education to other physicians and healthcare professionals is the epicenter of the Indiana Hand to Shoulder Center's vision. Our multi-disciplinary postgraduate fellowship education program for hand, upper extremity, and microvascular surgery is currently one of largest and storied of its kind in the world.

The didactic program at The Indiana Hand to Shoulder Center is robust. Over 50 lectures on topics spanning the corpus of hand and upper extremity surgery, coding, practice management, and therapy are given by our 11 teaching faculty, expert guest lecturers, and therapists. These sessions are augmented by weekly "Logic" sessions where topics receive a deep dive, fuzzy thinking is cleared, and knowledge gaps are found and filled. Multiple labs provide hands-on skill training, from an "ER Boot Camp" at the beginning of the fellowship, to sessions on nerve repair and transfer, flaps, tendon transfers, and both arthroscopy and arthroplasty of the shoulder, elbow, wrist and hand. Our fellows also participate in monthly Journal Club, Quality Improvement conference, and Difficult Problems Conference.



Our Difficult Problems Conference is a unique opportunity to collectively collaborate on the clinical care of patients with challenging upper extremity conditions either due to their severity or limited treatment options. It is an excellent way for the fellows to expand their diagnostic acuity and surgical ingenuity for complicated hand and upper extremity pathologies. In this conference, a patient of one of our partners is invited to the hand center to be evaluated by the faculty and fellows who collaborate to develop the optimal treatment plan.

For more than 20 years we have been conducting "Hand Care: Clinical Approaches to Rehabilitation for the Upper Extremity," a bi-annual meeting geared toward occupational therapists, physical therapists, physicians and nurses with a special interest in hand rehabilitation. This national meeting is recognized as one of the leading hand therapy conferences in the country.

Our surgeons also regularly conduct continuing education workshops, seminars and cadaver labs for physicians, athletic trainers, EMTs, paramedics and workers' compensation professionals.

The Indiana Hand to Shoulder Center established the Ruth A. Lilly Library to support research and education relating to surgery and therapy of the hand, wrist, elbow and shoulder. The library supports the clinical and research activities of the IHTSC physicians, fellows, orthopedic residents, therapists, nurses, as well as Indiana University School of Medicine students. It houses over 1,200 books pertaining to the upper extremity, microsurgery, plastic surgery, sports medicine and general orthopedics, as well as an online catalog that can be accessed from office or home. Online access to an array of specialized journals and books is available as well.



DIDACTIC CURRICULUM

Our didactic curriculum is designed to provide a comprehensive foundation to the study of the hand, wrist, elbow, and shoulder. The goal is to supplement the hands-on clinical knowledge our fellows gain through their one-on-one mentorship with staff. A core of approximately 50 lectures is given over the years and at least three hands-on courses as well. Additionally, our staff and fellows engage in monthly Journal Clubs to review and critique recent literature, M&M conferences, a series of anatomic dissections, and a monthly Difficult Problem Conference where one or two patients are evaluated by our staff and fellows. Suggestions are then made regarding further treatment options through a round-table discussion.

Didactic Lecture Topics

- How to Succeed in your Fellowship
- Surgical and E&M Coding
- Finding a Job

- Scaphoid Fractures Part 1 and 2
- Cost Controls
- MRI of the finger (ProScan)
- Shoulder MRI: RC, biceps tendon & muscles (ProScan)
- How to Negotiate Like a Pro (for complications or lawsuits)
- Fingertip injuries Part I & II**
- Tendonitis about the wrist deQuervain's, intersection, FCU, ECU
- Elbow MRI (ProScan)
- Nerve conduction studies
- Distal radius fractures
- Extensor tendon anatomy and acute injury
- Flexor tendon anatomy and repair
- Infections of the hand
- Compartment syndrome
- How to Build a Practice
- Biceps Tendon Injury
- · Medial and Lateral Epicondylitis
- Wrist examination/arthroscopy
- The work comp patient Medical management
- Introduction to microsurgery/replantation surgery
- Elbow exam/arthroscopy lecture
- Principals of soft tissue coverage 1 local & regional flaps
- · Chronic extensor tendon injury mallet, swan-neck, boutonniere
- Indications for TEA
- Shoulder/Rotator cuff disease
- Staged tendon reconstruction



- Metacarpal and Phalangeal fractures
- Dupuytren's disease Part 1 & 2
- Disorders of the forearm axis
- Congenital malformations overview
- Terrible triad fracture dislocations
- Shoulder Instability / Labral injuries
- Tendon Transfer lecture Principles
- Tendon Transfer lecture Ulnar nerve
- Tendon Transfer lecture Median nerve and combined
- Tendon Transfer lecture Radial nerve
- Cerebral Palsy I & II
- Finger Dislocations
- Rheumatoid arthritis soft tissue deformity/wrist reconstruction
- What you need to know to pass your Boards
- Wrist OA/post-traumatic DJD-PRC, 4 corner, total fusion, arthroplasty Distal Radius Deformities
- Elbow Instability/Arthritis/Arthroplasty
- Carpal dislocation /Instability
- Kienbock's disease
- Fractures of Proximal Humerus /scapula / clavicle
- Chromic regional pain syndrome
- Radial ray deficiency
- · Glenohumeral osteoarthritis
- Life After Fellowship
- Basilar joint arthritis
- Brachial plexus birth palsy
- Ancillaries in Hand Surgery practice
- Congenital thumb problems Thumb Hypoplasia
- Thumb reconstruction/microvascular Part 1 and 2 Woodworking Injuries of the Upper Extremity
- PIP Fx. Dislocation
- · Amputation/prosthetics digit, ray, forearm
- Syndactyly Reconstruction
- Business Issues and Concepts in Hand Surgery
- Combined Injuries of the Hand
- Adult traumatic brachial plexus injury

- Shoulder MRI: glenoid labrum (ProScan)
- Wrist TFC Anatomy & Pathology (ProScan)

Labs

- Shoulder instability and SLAP, rotator cuff repair, arthroplasty
- Elbow arthroscopy and arthroplasty
- ER Boot Camp
- Xiaflex
- Industry Axogen, Trimed, Arthrex, Mitek, DJO, Acumed, Synthes, Aptis

Anatomy Dissections

- Elbow
- Wrist
- Hand/finger
- Thumb/palm
- Forearm
- Shoulder
- Brachial Plexus



Flap Course

- Principals of soft tissue coverage of the upper extremity
- Local flaps for hand & UE coverage
- · Regional and distant flaps

Tendon Transfer Course

- · Introduction and principals of tendon transfer Radial nerve palsy and transfers
- Ulnar nerve palsy and transfers
- Median nerve and combined palsy and transfers
- * Note: The anatomy and micro labs are available throughout the year for fellow dissections.

BUSINESS EDUCATION SERIES

The business curriculum portion of the Indiana Hand to Shoulder Center's fellowship program is unique. In addition to the clinic aspects of upper extremity surgery, our program includes an intensified business curriculum to prepare the fellows for actually practicing in a private office/Surgery Center or academic setting. The syllabus for our Business Education Series includes billing and coding philosophies, customer service and professional relationships, computer software, and marketing.



RESEARCH

The Indiana Hand to Shoulder Center's team of board-certified orthopedic and plastic surgeons and fellows are committed leaders in conducting and participating in clinical research programs related to all aspects of the entire upper extremity. Through these research efforts we have been able to improve overall patient care as well as our clinical outcomes. Our surgeons and fellows continually participate in the development and invention of new prosthetic devices, cutting-edge surgical techniques and state-of-the-art treatment solutions.

The Indiana Hand to Shoulder Center frequently partners with industry to conduct both small- and large-scale basic science and clinical research projects. This not only exposes the fellows to the most cutting-edge technological innovations, but also allows the fellows to assimilate the mechanisms through which to develop collaborative relationships with industry.

Some of our research efforts include:

- Development of elbow replacement
- Development of new internal fixation devices for fracture care
- Investigation of better options for treatment of wrist arthritis
- Investigation of treatments for nerve compression syndromes
- Evaluation of novel nerve repair techniques
- · Participation in studies looking at new treatments for Dupuytren's contracture
- · Assisting in developing devices used for treatment of radius fractures
- Development of safer and more innovative uses of wrist arthroscopy
- Evaluation of treatments for basilar thumb arthritis
- Evaluation of treatments for tendon ruptures and repairs

The fellows also collaborate individually with one of our surgeons to conduct an upper extremity surgery research project. Many of these projects have been published in peer-reviewed literature. Our fellows present their research findings at the annual Tri-State Conference along with other hand surgery fellows from Louisville and Cincinnati programs.

FELLOWSHIP TEACHING HISTORY

Each of our partners has come to the Indiana Hand to Shoulder Center to pursue his own personal passion and fulfill a commitment to teaching postgraduate hand surgical training. All partners have completed a fellowship and are board-certified/eligible. Through our fellowship program, they are role models and instill camaraderie and a sense of esprit de corps. They

have been trained at some of the most reputable residency programs in the country and have been recruited from around the nation to join our practice.



William B. Kleinman, MD, originally hails from New Jersey. He received his orthopaedic training and post-graduate Hand Fellowship training at the Columbia-Presbyterian Medical Center in New York City before his microvascular surgery training at Duke University Medical Center in North Carolina. His areas of academic intensity focus on wrist pathophysiology, congenital reconstruction and nerve entrapment. He was our first Sterling Bunnell Traveling Fellow from the American Society for Surgery of the Hand.

Robert M. Baltera MD, hails from the New York metropolitan area and received his orthopaedic training in Syracuse, NY. He has been deeply involved in the finances of the Indiana Hand to Shoulder Center for many years and brings significant insight into keeping our organization fiscally healthy. Dr. Baltera is an integral part of our Fellows' training. His contemporary perspective enables him to provide them with the understanding of how the hand surgery specialty has migrated to become complex and multifaceted.

Jeffrey A. Greenberg, MD, MS, was raised in Brooklyn, NY, and received his training in orthopaedic surgery at the Syracuse program, prior to being selected to receive his Hand Surgery training in Indianapolis. He is yet another passionate hand surgeon, bringing a high level of enthusiasm for clinical research and teaching to our practice. He serves as the Designated Institutional Official for IHTSC and was the president of the ASSH (2021-2022)

F. Thomas D. Kaplan, MD, FAAOS, (Fellowship Director and Managing Partner) is from Baltimore and received his orthopaedic training at the Hospital for Joint Diseases in New York City before receiving his hand surgery training at the Indiana Hand to Shoulder Center. Dr. Kaplan has a boundless enthusiasm for teaching and a strong commitment to the ideals of our Fellowship Program. With his special interests in Dupuytren's disease and arthroscopic and reconstructive shoulder surgery, he brings an additional facet to the practice. Dr. Kaplan is the Managing Partner and director of our Fellowship Program. He is instrumental in regularly organizing prospective studies and clinical research projects with our Fellows.

Gregory A. Merrell, MD, joined us in 2007. He received his MD and his residency training in orthopaedics from Yale. He then completed a one-year hand surgery fellowship at Brown University. His research interests include the study of bone and nerve healing. Dr. Merrell won the Marshall Urist American Orthopaedic Association award for his research on bone healing. He has written a number of journal articles and book chapters on minimally invasive treatment of scaphoid fractures. His other clinical interests include fracture care, wrist arthritis and elbow arthroscopy. Dr. Merrell served as team physician for the 2002 Search for Genghis Khan expedition to Mongolia. This expedition was featured on a Discovery Channel documentary.

Nicholas E. Crosby, MD, earned his undergraduate degree in exercise and sport science from the University of Utah in 2002. He was awarded his medical degree from Wake Forest University School of Medicine in 2008. Following medical school he received his training in Orthopaedic Surgery at UPMC Hamot in Erie, Pennsylvania. Dr. Crosby obtained subspecialty training in hand and upper extremity surgery at the Indiana Hand to Shoulder Center. Dr. Crosby has special interest in shoulder and elbow reconstruction, trauma and sport-related conditions as well as arthroscopy of the shoulder, elbow and wrist.

Kathryn M. Peck, MD, another native Hoosier, earned her undergraduate degree in Biology at Indiana University in 2002. She was awarded her medical degree from IU School of Medicine in 2007, and completed her Orthopaedic Surgery residency at Indiana University.



Dr. Peck has pursued additional subspecialty training in three areas: pediatric orthopaedic surgery at Arnold Palmer Children's Hospital in Florida, a hand, upper extremity, and microvascular surgery fellowship at the Indiana Hand to Shoulder Center, and a pediatric hand and upper extremity surgery fellowship at Shriner's Children's Hospital For Children in California.

Reed Hoyer, MD, FAAOS, attended Wabash College and graduated with honors. He was awarded his medical degree from Indiana University School of Medicine. He went on to residency training in orthopedic surgery at Tufts Medical Center in Boston. He was elected to attend the AOA residence leadership conference and named outstanding chief resident. He completed his post-graduate training with a fellowship in surgery of the hand and upper extremity at Tufts Medical Center and the prestigious New England Baptist Hospital. Dr. Hoyer's clinical expertise encompasses all areas of the adult upper extremity, including traumatic injuries, degenerative conditions, sports injuries, and peripheral nerve disorders.

Brandon S. Smetana, MD, FAAOS, received his medical degree from the Pennsylvania State University College of Medicine in Hershey, PA. He was a junior class inductee into the Alpha Omega Alpha Honors Medical Society and received numerous accolades including multiple named academic scholarships as well as the Mellinger Medical Student Research Scholarship. Dr. Smetana then completed his Orthopaedic Surgery residency training at the University of North Carolina in Chapel Hill, NC. Following residency, he completed his fellowship training in hand, upper extremity, and microvascular surgery at the Indiana Hand to Shoulder Center. He currently serves as the Associate Fellowship Program Director.

Sameer K. Puri, MD, graduated with honors from Tufts University, obtaining a bachelor of arts degree in philosophy and a bachelor of science degree in electrical engineering and biomedical engineering. He attended medical University School of Medicine and continued his training in orthopaedic surgery at the Tufts Combined Orthopaedic Residency program. Dr. Puri completed his fellowship in Hand and Upper Extremity Surgery at the Hospital for Special Special Surgery in New York. There he received training brachial in reconstruction, microsurgery and management of complex elbow conditions. Before joining the Indiana Hand to Shoulder Center, Dr. Puri practiced at the Loyola Medical Center/Stritch School of Medicine from 2015-2020.

lan Chow, MD, graduated from Northwestern University obtaining a bachelor of arts degree in Economics. He attended medical school Northwestern University, Feinberg School of Medicine and continued his training in plastic surgery at University of Pittsburgh Medical Center. Dr. Chow completed his fellowship in Hand and Upper Extremity at OrthoCarolina and joined the Indiana Hand to Shoulder Center in 2023.

FELLOWSHIP REQUIREMENTS

The requirements for the Indiana Hand to Shoulder Center are as follows:

- ASSH online universal application
- Four letters of recommendation
- Current CV
- Medical school transcript official sealed one not necessary (copy is okay).
- USMLE scores

These materials must be sent through the ASSH Application Portal. General inquires/ questions can be sent to Fellowship@IHTSC.com. Deadline for applications is November 15. Interviews are held mid-January through the end of March.



WELCOME TO INDIANAPOLIS

Indianapolis, known as the Crossroads of America and Amateur Sports Capital of the World, enjoys a cost of living that is below national average despite vibrant growth. Indy (as it's otherwise known) is blessed with plenty of green space, glistening waterways and remarkable memorials, making for a charmingly picturesque city.

Indianapolis also is well-known for auto-racing and is recognized internationally as a sports center including the NCAA Headquarters as well as professional football, basketball, baseball, hockey, and soccer. It has a healthy arts community, with internationally recognized symphony, opera, and ballet companies and excellent museums, including the world's largest children's museum.

Carmel, the suburban community just north of Indianapolis, was just named the best place to live in the entire United States for the second year in a row.

Broad Ripple has a free-spirited vibe, with laid-back cafes, global eateries, lively brewpubs and happening clubs. Emerging and big-name acts play at storied music venue The Vogue, and indie shops sell records, handicrafts and vintage clothing. Broad Ripple Park has views of the White River, while the Monon Rail Trail, popular with joggers and cyclists, cuts through the area, linking to the Central Canal Towpath.

Visit Indy

Visit Indiana

Downtown Indy



GRADUATES

More than 250 graduates from our fellowship program are practicing hand surgery in the private sector and university settings across the U.S. and around the world.

Α

Samuel S. Abrams, MD, Asheville, NC Colin Ackerman, MD Sellersville, PA Thomas Acott, MD, Phoenix, AZ Rasheed Ahmad, MD, Baton Rouge, LA Scott Allen, MD, Mount Pleasant, TX Kurt Anderson, MD, Spokane, WA Robert Anderson, MD, St. Paul, MN Justin M. Arnold, MD, Chattanooga, TN Salman Ashruf, MD, Glen Burnie, MD Francis Aversano, MD, Wilton, CT

В

James Barger, MD Portsmouth, NH Justin Barrett, MD, Smyrna, GA Richard Barth, MD, Washington, D.C. Mykola J. Bartkiw, MD. Auburn Hills, MI Robert Bassett, MD, Havs, KS Taizoon Baxamusa, MD, Morton Grove, IL Michael Bednar, MD, Maywood, IL Anup Bendre, MD, Warrenville, IL Roderick Birnie, MD, Chicago, IL Allen Bishop, MD, Rochester, MN James Boler, MD, Schenectady, NY H. Boulas, MD, Dallas, TX Timothy C. Bowlin, MD, Baton Rouge, LA Martin Bover, MD, St. Louis, MO Jonathan Boyle, MD, Odessa, TX Michael Brody, MD, Germantown, WI Nicholas Bruggeman, MD, Omaha, NE Charity S. Burke, MD, Cincinnati, OH Warren Burrows, MD, Groton, CT Matthew A. Butler, MD, Neenah, WI Kristin Buterbaugh, MD, Wexford, PA

C

Christopher Caddy, MD, Sheffield, S. Yorkshire, Eng. James Calandruccio, MD, Germantown, TN William Call, MD, Crystal Bay, MN Barry Callahan, MD, Gulf Breeze, FL Jue Cao, MD, Denver, CO John Capo, MD, Newark, NJ Charlie Carroll, MD, Chicago, IL Shannon Cassel, MD, Columbia, MO Priscilla Cavanaugh, MD, Philadelphia, PA Alexander Choo, MD, Danbury, CT Alan Christensen, MD, Orlando, FL Minas Chrysopoulo, MD, San Antonio, TX Thomas Cittadine, MD, Noblesville, IN Carlton Clinkscales, MD, Denver, CO Mark Cohen, MD, Chicago, IL Joanie Columbia, MD, Sioux City, IA Donald Condit, MD, Grand Rapids, MI James Creighton III, MD, Greensboro, NC Nicholas Crosby, MD, Indianapolis, IN Megan Crosmer, MD, Orlando, FL Joseph Cullen, MD, Green Bay, WI Richard Curd, MD, Sioux Falls, SD Robert Curnow, MD, Laramie, WY

С

Jeanne DelSignore, MD, Rochester, NY Michael Devine MD, Charlottesville, VA Timothy Dew, MD, Greer, SC Hannah Dineen, MD, Houston, TX Jakub Dmochowski, MD, Chesapeake,VA Alex Doermann, MD Santa Barbara, CA William Dotterweich, MD San Rafael, CA J. Dustman MD, Bloomington, IL

Е

Kenneth Easterling, MD, Hialeah, FL James Eckenrode, MD, Columbia, MO Robert Ellis, MD, Elkhart, IN Jerry Ellstein, MD, Huntington, NY Christina Endress, MD, Troy, MI Drew Engles, MD, Akron, OH John Ernst, MD, Charleston, SC

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Victor Fehrenbacher, MD, Louisville, KY William Feinstein, MD, St. Louis, MO Alex Ferikes, MD, Layton, UT John Fernandez, MD, Chicago, IL Zachary Finley, MD, Rapid City, SD Mike Fitzgerald, MD, Syracuse, NY Daniel E. Firestone, MD, Leawood, KS Mohab Foad, MD, Cincinnati, OH Ross Fox. MD, Denville, NJ

G

Jean-Louis Gabriel, MD, Wichita, KS Ty Garon, MD, Baton Rouge, LA R Glenn Gaston MD Charlotte NC David Gilbert, MD, Fort Lauderdale, FL S. Glogovac, MD, Bridgeton, MO Robert Goitz, MD, Pittsburgh, PA Nicholas Gove, MD, Lincoln, NE Charan Gowda, MD, Columbus, OH Steven Graff, MD, Pawtucket, RI Thomas Graham, MD, Baltimore, MD William Gramig, MD, Greensboro, NC Aaron Gray, MD, Las Vegas, NV Jennifer Green, MD, Balmoral, NSW 2088 Thomas Greene, MD, Tampa, FL Allen Groebs, MD, Murray Bryan, OH Matthew Grothaus, MD, Hicksville, OH

Н

Hugh Hagan, MD, Roanoke, VA Alexander Hahn MD Baltimore MD Ward Hamlet, MD, Fort Wayne, IN Kenneth Hanington, MD, Bend, OR Rvan Harold, MD, St. Louis, MO D. Levi Harrison, MD, Marine del Rey, CA Robert Hartwig, MD, Sylvania, OH James Heinrich, MD, Evansville, IN C. Noel Henley, MD, Fayetteville, AR Peter Henning, MD, Memphis, TN John Hermansdorfer, MD, Melbourne, FL John Hildenbrand MD Thibodaux I A Richard Hillesheim, MD Bristol, TN Cody Hillin, MD, Orlando, FL Levi Hinkelman, MD, Grand Rapids, MI John Hogikyan, MD, Ypsilanti, MI Jeffrey Husband, MD, Bloomington, MN

I

Robert Ivy, MD, Knoxville, TN Kayvon D. Izadi, MD, Omaha, NE

J

Paul Jacobson, MD, Traverse City, MI Michele James, MD, Sacramento, CA D. Jemison, MD, Chattanooga, TN Emily Jewell, MD, Richmond, IN Christopher Johnson, MD, Tinton Falls, NJ Curtis Johnson, MD, Orem, UT Jedediah Jones, MD, Las Vegas, NV

Κ

Lauren Karbach, MD, San Antonio, TX
Carleton Keck, MD, Seattle, WA
Christy Kellams, MD, Noblesville, IN
Imran Khan, MD, Leesburg, VA
Thomas Kiefhaber, MD, Cincinnati, OH
Thomas Kiesler, MD, Warrenville, IL
Garry Kitay, MD, Jacksonville, FL
John Klein, MD, Indianapolis, IN
Ryan Klinefelter, MD, Columbus, OH
Kevin Knox, MD, Appleton, WI
Daniel Kokmeyer, MD, Las Vegas, NV
Byung H. Koo, MD, Cincinnati, OH
Rudy Kovachevich, MD, Denver, CO
Michael Krebsbach, MD, Boca Raton, FL
Jeff Kutsikovich, MD, Franklin, TN

L

Joanne E. Labriola, MD, Chicago, IL Paul Lamberti, MD, Oakbrook, IL Alexander Lampley, MD, St. Augustine, FL Karl Larsen, MD, Lexington, KY William LaSalle, MD, Fort Wayne, IN *Julie Lawrence, MD, (Deceased 2019) Mark Leber, MD, Phoenix, AZ Robert LeBlanc, MD, Lafayette, LA Christopher Lechner, MD, Asheville, NC W.P. Lee, MD, Pittsburg, PA Stephen Leibovic, MD, Richmond, VA John Leppard, MD, Woodbury, NY Daniel R. Lewis, MD, Charlotte, NC Mary Ling, MD, Warrenville, IL Timothy Loth, MD, Cedar Rapids, IA Gary Lourie, MD, Atlanta, GA Nancy Lynch, MD, San Mateo, CA

М

John MacIlwaine, MD, Charleston, SC Richard Makowiec, MD, Warrensville, IL Tobias Mann, MD, Bettendorf, IA Santosh Mathen, MD, New York, NY Ian C. Marrero-Amadeo, MD, Puerto Rico Christopher Matthews, MD, Daytona Beach, FL Stephen McCollam MD Atlanta GA T. McDermott, MD, Richmond, VA Thomas J. McDonald, MD, Sonora, CA Joseph S McLaughlin, MD, Stoneham, MA John McMurtry, MD, Charlotte, NC A. Mencias, MD, South Bend, IN Paul Metzger, MD, Sutter Creek, CA Bruce Monaghan, MD, Woodbury, NJ Michael Moore, MD, Little Rock, AR Spencer Moore, MD Asheville, SC Bill Mulbry, MD, Charleston, SC Austin Murphy, MD Memphis, TN Douglas Musgrave, MD, Vancouver, WA

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Mark Nabarro, MD, Sydney, Australia Paul Nielsen, MD, Kearney, NE

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Stephen O'Connell, MD, Rancho Mirage, CA

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Billy Page, MD, Spokane, WA
Carl Palumbo, MD, Houston, TX
Andrew Park, MD, Dover, DE
Amar Patel, MD, Fullerton, CA
William Payne, MD, Indianapolis, IN
William Pekman, MD, Hickory, NJ
David Petersen, MD, Grand Rapids, MI
Michael Pickart, MD, Ventura, CA
Kevin Plancher, MD, New York, NY
Kristin Ploetze, MD, Knoxville, TN
James Popp, MD, Columbus, OH
Rodger Powell, MD, Gainesville, FL
Stephen Powell, MD, Missoula, MT

R

Aundrea D. Rainville, MD, Eau Claire, WI Michael Raemisch, MD, Salt Lake City, UT Brock Reiter, MD, Ankeny, IA Arthur Rettig, MD, Indianapolis, IN Kent Rinehart, MD, Knoxville, TN Michael Robichaux, MD, Baton Rouge, LA Jeffrey Rodgers, MD, W. Des Moines, IA Scott Rogers, MD, Kalispell, MT Benjamin Rogozinski, MD, Knoxville, TN Peter Ronchetti, MD, Rochester, NY Robert Russell, MD, Springfield, IL

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Kavi Sachar, MD, Denver, CO Wilbur Sandbulte, MD, Auburn, WA William Sanders, MD, Heliotes, TX Cameron Schick, MD, Bellevue, MA Christopher Schmidt, MD, Pittsburgh, PA Mark Schramm, MD, Elkhart, IN John Schneider, MD, Greenfield, WI Douglas Schreiber, MD, Virginia Beach, VA John Showalter, MD, Warrenville, IL Brandon Smetana, MD, Indianapolis, IN Thomas Stackhouse, MD, Marlton, NJ S. Tyler Staelin, MD, Nashville, TN James Stafford, MD, Houston, TX *James B. Steichen, MD, (Deceased 2014) Bruce Steinberg, MD, Jacksonville, FL Leo Stelzer, MD, Denver, CO John Stogin, MD, Chicago, IL Stefan Strapko, MD, Nashua, NH Robert Strauch, MD, New York, NY

Т

Scott Tanaka, MD, San Diego, CA
Andrew Thomas, MD, St. Paul, MN
Jose Thomas-Richards, MD, Centreville, VA
P. Thorderson, MD, Tupelo, MS
L. Eugene Thornburg, MD, Asheville, NC
Robert Torstrick, MD, Jackson, TN
William Truluck, MD, Okemos, MI
Eugene Tsai, MD, Los Angeles, CA
Chad Turner, MD, Spokane, WA

U

Stephen Umansky, MD, Lexington, KY Erica Umpierrez, MD, Conway, SC Kenneth P. Unruh, MD, Leawood, KS

ν

James Vahey, MD, Las Vegas, NV Alexander Vara, MD, Hialah, FL Josh Vella, MD, Phoenix, AZ Randall Viola, MD, Vail, CO William Vitello, MD, Arlington Heights, IL

W

William Wagner, MD, Seattle, WA
J. Clinton Walker, MD, Overland Park, KS
Justin Walker, MD, Braselton, GA
Donald Warren, MD, LeGrande, OR
William Warrender, MD, South Bend, IN
*Douglas Wegner, MD, (Deceased 2011)
Douglas Weikert, MD, Nashville, TN
A. Peter Weiss, MD, Providence, RI
William "Jake" Weller, MD, Germantown, TN
Matthew Welsh, MD, Florence, SC
James Whitaker, MD, Kansas City, MO
Geoffrey Wiedeman, MD, Sacramento, CA
Thomas Wiedrich, MD, Chicago, IL
James Williams, MD, Peoria, IL

Υ

Mark Yaffe, MD, Schaumburg, IL Colby Young, MD, Las Vegas, NV

Z

Justin Zumsteg, MD, Orlando, FL