



**Clemson University Research Foundation  
Board of Directors  
Profiles**

**November 2018**



## **George Acker**

***(Retired) Vice President External Relations  
Duke Energy South Carolina***

George Acker retired as Vice President of External Relations for Duke Energy South Carolina in 2016. Duke Energy South Carolina serves approximately 715,000 electric retail customers in the state. He was responsible for advancing the company's rate and regulatory initiatives and managing state and local regulatory and governmental relations, economic development and community affairs. George served as the company's lobbyist principal for the state.

Since 1981, George has worked for Duke Energy in a number of capacities across North Carolina and South Carolina. He began his career with Duke Energy in Charlotte, NC. He came to Greenville, SC as an office manager. George continued his career in South Carolina as a district manager in Greenville, Anderson, Columbia, and Spartanburg. He has been in his current position since 2010.

He has been active in a number of organizations including chairing the Upstate SC Alliance and formerly chairing the South Carolina Independent Colleges and Universities and Greenville Chamber. George is a graduate of Leadership SC and has been involved in civic and economic development groups across the state. He serves as a board member for the Greenville and Spartanburg Chambers, the SC State Chamber, and Cannon Hospital. George currently serves as the Chairman of the Upstate Employers Network, the Secretary for the Clemson University Research Foundation, and a Commissioner for Tri-County Technical College.

George earned a bachelor's degree from the University of North Carolina at Chapel Hill in 1973 and a master's degree from the University of North Carolina at Charlotte in 1976.

George and his wife, Susan, have 3 children and currently live in Pickens, SC.

Duke Energy, one of the largest power companies in the United States, supplies and delivers electricity to approximately 7 million customers in the Southeast and Midwest. The company also distributes natural gas in Ohio and Kentucky. Its commercial power and international businesses operate diverse power generation assets in North America and Latin America, including a growing renewable energy portfolio. Headquartered in Charlotte, N.C., Duke Energy is a Fortune 250 company traded on the New York Stock Exchange under the symbol DUK.



## **Stanley C. Ahalt, PhD**

***Director of the Renaissance Computing Institute  
University of North Carolina at Chapel Hill***

Stan Ahalt became director of the Renaissance Computing Institute (RENCI) at the University of North Carolina at Chapel Hill in September 2009. He leads a team of research scientists, software and network engineers, data science specialists and visualization experts who work closely with faculty research teams at UNC, Duke, NC State and with partners across the country. RENCI's role is to provide enabling cyberinfrastructure to these research collaborations, which often means working on the challenges of data management, sharing, integration and security.

Dr. Ahalt is also a professor in the UNC Computer Science Department and directs the Biomedical Informatics Core of the North Carolina Translational and Clinical Sciences Institute (NC TraCS), UNC's CTSA award. In this role, he leverages the expertise and resources of RENCI to foster clinical and translational research across the UNC campus.

Dr. Ahalt's primary foci in the recent years have been on two major data science initiatives: The National Consortium for Data Science (NCDS) and the iRODS Consortium. The NCDS is a private-public partnership of leaders in academia, industry and government formed to address the data challenges of the 21st century and advance data science. The iRODS Consortium, which includes the Max Planck Society as a key founding member, is an effort to establish a community to sustain the popular integrated Rule-Oriented Data System, developed at UNC and UC San Diego. RENCI leads the effort to develop iRODS as an enterprise-quality solution, complete with rigorous testing and a robust, feature-rich code base. Dr. Ahalt is also principal investigator for the Water Science Software Institute project, which is developing a strategic plan to develop an institute that will build and support a cyberinfrastructure for managing, sharing and using water science data.

Dr. Ahalt was executive director of the Ohio Supercomputer Center (OSC) from 2003 to 2009 and a professor in the department of electrical and computer engineering at The Ohio State University for 22 years. He is a member of Microsoft's Technical Computing Advisory Committee, the Council on Competitiveness High Performance Computing Advisory Committee, and an extramural member of the National Cancer Institute's Advanced Biomedical Computing Center Oversight Committee. Dr. Ahalt serves in the Boards of the Arizona State University Advanced Computer Center, and National Lambda Rail.

Dr. Ahalt holds a Ph.D. in electrical and computer engineering from Clemson University and master's and bachelor's degrees in electrical engineering from Virginia Polytechnic Institute and State University.



## **JOSEPH T. BAILEY, PHD**

### EDUCATION

1955: Calhoun-Clemson High School, Clemson, SC  
1959: Clemson University: BS, Ceramic Engineering  
1960: Clemson University: MS, Ceramic Engineering  
1966: The Ohio State University: PhD, Ceramic Engineering

### MILITARY SERVICE

1960-1962: 2<sup>nd</sup> Lieutenant/1st Lieutenant, U.S. Army Ordnance Corps, Project Officer, U.S. Army Ballistic Missile Agency, Redstone Arsenal, AL.

### CAREER

3M COMPANY: AMERICAN LAVA CORPORATION SUBSIDIARY, CHATTANOOGA, TN

1962: Project Engineer, Beryllium Oxide Project  
1966: Senior Research Engineer  
1969: Research Supervisor  
1971: Research Manager

3M COMPANY: ST. PAUL, MN

1974: Technical Director, Technical Ceramic Products Division  
1981: Department General Manager, Technical Ceramic Products Department  
1983: Department General Manager, Ceramic Materials Department  
1989: Research and Development Executive Director, Industrial and Electronics Sector  
1990: Research and Development Vice President, Industrial and Electronics Sector  
1992: Research and Development Vice President, Industrial and Consumer Sector  
2000: Retired on June 1

### OTHER ACTIVITIES

The American Ceramic Society: Held all of the offices of the Electronics Division including Division Chair. Named a Fellow of the Society in 1974.

Served 9 years on the Planning Commission for Grant Township, MN

1989-1992: Board of Directors, Durel Corporation

1987-1991: Board of Directors, Delta G Corporation

Served on the Advisory Boards of two venture capital partnerships: Pierce-Nordquist Associates and Ampersand II

Author of several technical papers and hold four U.S. Patents

#### CURRENT ACTIVITIES

Board of Directors, Clemson University Research Foundation. Served as Board Chairman August, 2001 to August, 2005

Advisory Board, College of Engineering and Sciences, Clemson University. Served as Board Chairman 2005-2006

Advisory Board, Applied Research and Development Institute, South Carolina Research Authority and Clemson University

Advisory Board, School of Materials Science and Engineering, Clemson University

Member, Thomas Green Clemson Academy of Outstanding Engineers and Scientists, Clemson University

**Andrew B. Cajka, Jr.**

***Founder and President  
Southern Hospitality Group, LLC***



Andrew B. Cajka Jr., is the founder and president of Southern Hospitality Group, LLC, a hotel management and development company in Greenville, South Carolina. Prior to starting his own business, Mr. Cajka was a management member of Hyatt Hotels Corporation from 1986 until 1998. He is a 1982 graduate of Bowling Green State University. He currently serves as vice chairman of the board for St. Joseph's High School, as chairman of the Greenville County Research and Technology Development board, and as a board member for the Metropolitan Arts Council. He is a past chairman and present treasurer of the Greenville Convention and Visitors Bureau and past chairman of the Greenville Tech Hospitality Board. He is a previous member of the BMW Nationwide Tournament advisory board. Mr. Cajka has served as a board member of the Urban League and Thornblade Board of Governors. Mr. Cajka served on the board of directors for the Greenville Chamber of Commerce and is past president of the downtown area council, as well as past chairman of Greenville Hospital Foundation Board and past chairman of the Children's Hospital. He has substantial development and management experience in the hospitality industry and is extensively involved in the local community, both of which enhance his ability to serve as a director.



## **James P. Clements**

***President***  
***Clemson University***

Clemson University's 15<sup>th</sup> president, James P. Clements, took office December 31, 2013, after serving nearly five years as president of West Virginia University. Clements succeeds James F. Barker, who retired after serving as president for 14 years. He is also a Professor in the School of Computing, College of Engineering and Science, at Clemson.

Clements is a nationally recognized voice in higher education who currently serves as chair-elect of the Board of Directors of the Association of Public and Land-Grant Universities; co-chair of APLU's Energy Forum; chair of the American Council on Education's Commission on Leadership and member of the Business Higher Education Forum that includes Fortune 500 CEOs and higher education executives. He previously served on the U.S. Department of Commerce Innovation Advisory Board.

Clements holds a B.S. in Computer Science and M.S. and Ph.D. in Operations Analysis from the University of Maryland Baltimore County, and an M.S. in Computer Science from Johns Hopkins University. He has published and/or presented more than 75 papers in the fields of computer science, higher education, information technology, project management and strategic planning. He has been the principal investigator or co-PI on more than \$15 million in grant funding. During Clements' tenure at WVU, the university set records in private fundraising, enrollment, research and patients served through the health system. Under Clements' leadership, WVU reached \$716 million, or 95 percent of its \$750 million capital campaign goal, two years ahead of schedule. Through WVU projects, as well as public-private partnerships, more than \$1 billion in capital improvements began on campus, in WVU's health care system, and in the community.

Clements began his career as a faculty member and has risen steadily through the academic ranks to the president's office. Prior to his appointment at WVU, Clements served as Provost and Vice President for Academic Affairs, Robert W. Deutsch Distinguished Professor of Information Technology and Vice President for Economic and Community Outreach at Towson University, the second largest university in the University System of Maryland. He also served as the leader of the Center for Applied Information Technology, which was a strategic, entrepreneurial initiative for the university, and chaired Towson's Department of Computer and Information Sciences.

He also has served as a consultant to numerous private-sector companies, including Bell Atlantic Yellow Pages; Chesapeake Directory Sales Corporation; Loyola College; Outreach Technologies; Padova Technologies; Solipsys; UPS/Roadnet Technologies, and Verizon, assisting with strategic planning, development of information technology systems and corporate-wide training programs.



## **Christie L. Corbett**

***Senior Managing Director***

***FTI Consulting***

Christie Corbett is a Senior Managing Director in the Transaction Advisory Services practice and is based in Atlanta, GA. Ms. Corbett has advised strategic and financial buyers on more than 200 transactions in various industries.

Ms. Corbett has provided a broad range of buy and sell-side services including financial due diligence, forecast and valuation analysis, the identification of potential buyers and targets, contract structuring and negotiations, and transition and strategic planning.

Ms. Corbett has significant experience across various industry sectors with a focus on with a focus on Healthcare, Software and Technology and Consumer Products. Private equity and lending clients include Goldman Sachs, GE Capital, Altaris, Galen Capital, Thoma Bravo, Crestview and HIG Capital. Corporate clients include Catholic Health Initiatives, HCA, Parallon, ShareCare and Flowers Foods.

Specific to the technology sector, Ms. Corbett has advised on numerous software (license and SaaS) transactions, utilizing extensive knowledge of complex revenue recognition requirements, changing and/or supporting multiple delivery platforms, and the importance of accurate renewal and backlog analyses.

Specific to the healthcare sector, Ms. Corbett has advised on transactions for hospitals, long-term acute care, imaging centers, staffing, medical devices, pharmaceuticals and healthcare related technologies.

Ms. Corbett led post-merger integration efforts for Flowers Foods following their acquisition of Tastykake. She was also a team leader in a process improvement project for one of the largest government contractors in the US.

Prior to joining FTI, Ms. Corbett was the AVP of Mergers & Acquisitions for ChoicePoint, Inc, which was a billion dollar public company prior to its acquisition by Reed Elsevier in 2008. ChoicePoint was a leading provider of business analytics, technology, software, and information services largely to customers in the insurance, banking and governmental industries. While at ChoicePoint, Ms. Corbett executed eight acquisitions in the software and services industries, as well as several divestitures of non-core businesses. Prior to ChoicePoint, she was a Director in PricewaterhouseCoopers' Transaction Services practice. Ms. Corbett began her career with KPMG, where she became a Manager in the audit practice.

Ms. Corbett has a B.S. in Accounting from Clemson University and is a Certified Public Accountant in Georgia and South Carolina.



## **Steve Crump**

***Interim Vice President and CFO  
Clemson University***

Steve Crump, a 1978 graduate of Clemson, has served as associate vice president and controller since 2014. He joined Clemson in 1990 following a career in public accounting and had served as associate controller from 1992 until the time of his promotion in 2014. As controller, Crump oversaw activities related to student financial services, research grants and contracts, cost analysis and reporting, treasury-related services and tax reporting, as well as general accounting, financial reporting and payroll services. As Interim Vice President & Chief Financial Officer, Crump has expanded responsibility for all aspects of the university's finance organization.



## **Chris Gesswein**

***Executive Director, Director of Licensing  
Clemson University Research Foundation***

Chris Gesswein is the Executive Director and Director of Licensing for Technology Transfer at the Clemson University Research Foundation (CURF), where he is responsible for managing the day-to-day activities associated with commercializing Clemson University's intellectual property portfolio. Prior to joining CURF, Chris served as the VP of Business Development at Ultradian Diagnostics, a clinical-stage biosensor medical device company developing a next generation continuous glucose monitoring system to help people with diabetes more effectively manage their disease. In this role, Chris was responsible for business strategy and planning, capital fund-raising, IP management, and FDA regulatory approval/compliance.

Chris has over 20 years of business experience bringing various technologies from concept to market working as a new product development and technology transfer specialist for early-stage as well as large multi-national companies.

Chris received a BA from West Virginia University, an MS in Biotechnology from Johns Hopkins University, and an MBA with concentrations in Entrepreneurship and Finance from Rensselaer Polytechnic Institute.

# **Anand Gramopadhye**

## ***Dean of Engineering and Science Clemson University***

Anand Gramopadhye assumed the position of Dean of the College of Engineering and Science on July 1, 2013. He now oversees 15 academic departments, which have an enrollment of about 6,700 students.

Gramopadhye joined Clemson in 1992, as an assistant professor. He was named chairman of the industrial engineering department in 2003, and assistant to the dean of the College of Engineering and Science in 2010. In 2011, he was appointed associate vice president for workforce development.



Under his leadership, the industrial engineering department increased in enrollment, research and scholarship. It embarked on several strategic educational and research initiatives in supply chain, logistics and optimization; a health systems research initiative; and additional applied research in global geographic areas, including India, China and the rest of the Asia-Pacific region.

As Associate Vice President for Workforce Development, Gramopadhye helped create the Clemson University Center for Workforce Development (CUCWD). The center partners with statewide K-12 institutions, technical colleges, industry and other academic institutions and centers to address STEM – science, technology, engineering and math - issues to meet the needs of South Carolina’s 21st century knowledge economy. The CUCWD is home to the National Science Foundation Advanced Technical Education Center for Automotive and Aviation Education.

Gramopadhye’s research focuses on solving human-machine system design problems and modeling human performance in technologically complex systems, such as health care, aviation and manufacturing. He has been principal investigator for more than 75 research grants and awards, generating more than \$45 million in funding. Research partners include the National Institutes of Health (NIH), National Science Foundation (NSF), Federal Aviation Administration (FAA), the U. S. Departments of Energy (DOE) and Labor (DOL), the National Aeronautics and Space Administration (NASA), and numerous corporate partners.

Gramopadhye has more than 300 publications and is a Fellow of the Institute of Industrial Engineers. He was recognized twice by the National Academy of Engineering through the Frontiers in Engineering Program as one of the Top 60 engineers in the country, and is editor-in-chief of the International Journal of Industrial Ergonomics.

He earned a bachelor’s degree in production engineering in 1987 from the University of Bombay, India, and a master of science in 1989 and a Ph.D. in 1992, both in industrial engineering, from the State University of New York, Buffalo



## **Tanju Karanfil**

***Vice President for Research***  
***Clemson University***

Dr. Karanfil became Clemson's vice president for research on Feb. 1, 2016. He is an environmental engineer whose research on improving municipal water quality has been funded with nearly \$10 million. He joined the Clemson faculty in 1996 and served as chair of the environmental engineering and Earth sciences department. In 2014 he was named the associate dean for research in the College of Engineering and Science.

As vice president for research, Dr. Karanfil steers the university's research strategy, which includes working closely with faculty and staff at Clemson and with collaborators in industry and the community. He oversees the management of a portfolio that spans the gamut of science and innovation: advanced materials, cyber-infrastructure, big data science, energy, transportation, advanced manufacturing, health innovation, human resilience, sustainable environment, architecture, education, humanities and the arts.

Dr. Karanfil earned his bachelor's degree in environmental engineering from Istanbul Technical University and completed his graduate work – Master of Science and Ph.D. — at the University of Michigan. He is a fellow of the International Water Association, received a National Science Foundation Early CAREER Award in 2001 and mentored more than 80 graduate students and post-doctoral research associates at Clemson. He also serves as a consultant to water and wastewater utilities and consulting companies.



## **Dennis H. Kekas, PE**

***Associate Vice Chancellor***

***North Carolina State University***

As Associate Vice Chancellor at North Carolina State University, Dennis is responsible for Centennial Campus Partnerships and Economic Development. In addition, he is the Executive Director of the College of Engineering's Institute for Next Generation IT Systems.

Previously he served as Interim Executive Director for NC State's Power Electronics National Manufacturing Innovation Institute (PowerAmerica), as announced by President Obama on January 15, 2014, through launch in 2015.

A retired IBM executive, he earlier led the development of many disruptive products including point-of-sale, optical scanners, networking and others. In 2006 he co-founded ImagineOptix Corporation to commercialize NC State optical technologies and is the current board chair.

His BSEE is from Clemson with Graduate studies at Syracuse, NC State and UCLA. A Professional Engineer in New York and North Carolina he holds 8 Patents with numerous awards for inventions, technical achievements and management excellence.

A Past President of the Clemson Alumni Association he received Clemson's Distinguished Service Award in 1999, and received the 2016 Association of University Research Parks Leadership Award.

He served on the Clemson University Research Foundation (CURF) board from 2008 to 2014 and was re-elected in 2016. In 2016 he was appointed to the board of the North Carolina Rare Disease Innovations Institute.

He and his wife Joyce reside in Raleigh, NC.



## **Brij M. Khorana**

### **(Retired) Chief Operating Officer**

*Rose-Hulman Ventures*

### **Advisory Board**

*Michelin Development Company*

Dr. Khorana retired in 2005 from Rose-Hulman Institute of Technology (Terre Haute, Indiana) as the Chief Operating Officer of Rose-Hulman Ventures, and Professor of Physics & Optical Engineering; and moved to Greenville, South Carolina where he is active in the entrepreneurial eco-system and is currently serving on the Advisory Board of Michelin Development Company which provides funding and business assistance to disadvantaged businesses. He is also a Founding Mentor in the Venture Mentoring Service (based on MIT's VMS program) provided to start-ups of the NEXT Innovation Center. As the Scientific Advisor for Technology Partnerships, he is also assisting CU-ICAR and CECAS in developing strategic alliances.

He is an elected Fellow of SPIE – the premier International Society for Optical Engineering. He has also held Research/Guest Scientist/Teaching appointments at University of Chicago, University of Rochester, University of Notre Dame, Texas Tech University and the U.S. National Bureau of Standards.

He promoted his vision of a *technology-based incubator* co-located with a *new product development center* for several years before the vision was realized in 1999 when he helped raise \$55 million to establish Rose-Hulman Ventures – as part of Rose-Hulman Institute of Technology. As Chief Operating Officer of Rose-Hulman Ventures from 1999 till his retirement in 2005, he assisted in recruiting 40+ entrepreneurs to incubate start-up companies for which he provided oversight to the technical assistance, business assistance and the financial investment. One of the incubated companies was subsequently acquired by another company for \$240 million, providing about 10x return on RHV's portion of the \$2.2 million investment.

As the Director of Technical Assistance & Services Center and as Director of Center for Applied Optics Studies, he developed New Product Development Labs for the specific purpose of prototyping new products -- converting an entrepreneur's concept of a new product into a working prototype.

As the Chairman of the Department of Physics, he provided the vision and helped build a nationally recognized academic program in Applied Optics with a focus on involving students to solve problems facing industry partners, using primarily optical technology.

His technical experience includes projects involving machine vision, image processing, fiber-optic sensors, biomedical and agricultural applications of optics, precision measurements, instrumentation and cryogenic technology. He has also managed multidisciplinary teams involving technical and business expertise. Dr. Khorana has also provided his technical expertise to a NASA program, in evaluating innovative new technologies for future space exploration. In 1979, he was recognized for innovative contributions at the Naval Weapons Support Center (Crane, Indiana) and at the Naval Weapons Systems Engineering Station (Port Hueneme, California).

In 1987, Dr. Khorana was recognized by the Governor of Indiana "for outstanding leadership in strengthening the Indiana economy ....."

In 2004, under the sponsorship of Government of India (Department of Science & Technology) and the World Bank, Dr. Khorana was invited to participate in the “Global Forum on Business Incubation” (New Delhi, India) to expound on the Rose-Hulman Ventures model of an incubator. Subsequent discussions led to the Government of India establishing an Innovation Fund through which incubators associated with universities in India are able to invest funds in their incubatees in return for sharing equity in their businesses. In 2006, Dr. Khorana was invited to participate in the inauguration of the Innovation Fund and present a Keynote Address at the TREC– Science and Technology Entrepreneurs Park, Trichy, India, as well as to participate in a workshop on “Promoting Technology Development, Utilization and Transfer”. In 2009, he was invited to address ISBA Conference (Chennai, India) on “Academic Challenges in Incubation”.

Education & Personal: Ph.D.(Physics), Case-Western Reserve University, 1967.

Married 49 years to Renu. Three sons: (i) JD (Stanford), IP attorney, Partner/Head – Technology Transactions, Wilmer Hale, Palo Alto-CA; (ii) MBA (Michigan), Partner, Fifth Street Finance Corp, Chicago-IL; (iii) MBA (Michigan), Director, Financial Analysis Group, United Airlines, Chicago – IL.

Hobbies: Travel, golf.



## **Martine LaBerge**

***Professor and Chair, Bioengineering  
Clemson University***

Martine LaBerge serves as Professor and Chair of Bioengineering at Clemson University and Executive Director of the Biomedical Engineering innovation Campus (CUBEInC) in Greenville, SC. She received MS and PhD degrees in Biomedical Engineering from the University of Montreal, and completed post-doctorate work in Mechanical Engineering at the University of Waterloo, before joining Clemson in 1990 as Assistant Professor of Bioengineering. She has numerous publications on the tribological performance of orthopaedic and vascular implants and is an inventor on several licensed patents. Since the beginning of her career, she has served as the major advisor of 70 PhD and MS bioengineering students and managed a research program exceeding \$10M. She received the South Carolina Governor's Award for Scientific Awareness for the development of major programs in the state. She served as President of the Society for Biomaterials (SFB) and received its Inaugural Service Award. She is a Fellow of the American Institute for Medical and Biological Engineering and served as the secretary-treasurer of the AIMBE Academic Council. She was inducted Fellow, Biomaterials Science and Engineering by the International Union of Societies for Biomaterials Science and Engineering. She is a BMES member and concluded a three-year term as Board Director; she currently serves as the Chair of the BMES Membership Committee.

For the past 11 years, some of Dr. LaBerge's major accomplishments as department chair include: fostering the implementation of MD/PhD and DMD/PhD programs with the Medical University of South Carolina in Charleston, securing three named endowed chairs, supervising the construction of two new buildings for bioengineering education and research, developing CUBEInC and securing funding for its facility including incubator space for start-up companies and state-of-the-art surgical-skills and cadaver facilities. She developed the South Carolina Translational Medical Technology Program (SC MedTransTech), a cross-disciplinary collaboration and partnership between the South Carolina Bioengineering Alliance, Stryker, and six partner hospitals to support the development of clinically relevant medical technology. For the past 52 years, the Department of Bioengineering at Clemson University has awarded the PhD degree in Bioengineering followed by the MS degree. Dr. LaBerge is the founding chair of the ABET accredited B.S. in Bioengineering degree (2006) in addition to an M.Eng. in Biomedical Engineering degree. Through her leadership, 15 new full-time tenure track positions were secured to sustain education, research, and economic development missions. She currently supervises a departmental endowment and budget portfolio exceeding \$15M.

## **Frank A. Landgraff**

***Senior Intellectual Property Counsel***  
***GE Power & Water***  
***Atlanta, GA***



Frank graduated from Clemson University in 1985 with a BS degree in Electrical Engineering and from the University of Florida in 1988 with a JD degree. After graduation, he worked in private practice in Atlanta for six years concentrating on patent preparation and prosecution as well as patent litigation. In 1994, he joined The Coca-Cola Company in Atlanta as Patent and Technology Counsel. Frank was promoted to Senior Patent Counsel in 2000. Frank joined GE Energy in 2002 as Senior Intellectual Property Counsel and remained in that role until September 30, 2012 when he became Senior Intellectual Property Counsel for GE's Power & Water Division. At GE Power & Water, Frank's team manages a large patent portfolio primarily related to power generation equipment, water related technologies and related services.

In addition to his duties with GE, Frank is currently active in community related work through his role as Chairman of the Board for Pro Bono Partnership Atlanta and the Clemson University Research Foundation.

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## **Cindy Lee**

***Chair, Department of Engineering and Science  
Education***

***Professor, Environmental Engineering and Earth Sciences  
Clemson University***

Dr. Cindy M. Lee is a Professor of Environmental Engineering and Earth Sciences and of Environmental Toxicology at Clemson University. She holds a B.A. in English from Indiana University (1977), a B.A. in Geology and Chemistry from University of Colorado (1984), and a Ph.D. in Geochemistry from the Colorado School of Mines (1990). Dr. Lee joined the faculty at Clemson in 1990. Her major teaching and research interests are the chemistry of environmentally significant organic compounds and environmental sustainability. Dr. Lee's specific research interests involve the use of chiral chemistry as a tool for investigating the fate and transport of pesticides, pharmaceuticals, and persistent organic pollutants (POPs) in the environment; the bioremediation of chlorinated contaminants; and the role of black carbon and natural organic matter in the fate of contaminants. Her research has been supported by grants from both government agencies and private companies, with core grant research support primarily being from federal government (National Science Foundation, U.S. Environmental Protection Agency, U.S. Department of Energy, U.S. Army Corps of Engineers), with additional grant support from state and local governments, industry, and foundations. She has served as interim Associate Dean for Research and Graduate Studies in the College of Engineering and Science (2012-2013) and as interim chair of the Department of Engineering and Science Education (2013-present). From July 2006 to July 2007, Dr. Lee served at the National Science Foundation as the founding Program Director of the Environmental Sustainability Program in the Division of Chemical, Bioengineering, Environmental and Transport Systems (CBET), Directorate of Engineering. Dr. Lee has a national perspective on engineering and science research and research needs in environmental sustainability. She served as a member of the Energy and Environment Coordinating Group for development of the National Aeronautical Research and Development Plan under the auspices of the Office of Science and Technology Policy (OSTP). Dr. Lee participated on the Feedstocks Task Force of the U. S. Department of Energy's Biofuels Action Plan. She is an Associate Editor for Environmental Chemistry for the journal of Environmental Toxicology and Chemistry.



## **Joseph D. Swann**

***President, Retired***  
***Rockwell Automation Power Systems***

Joseph D. Swann grew up the son of educators in the small town of Clio, SC. In 1963, he earned his BS degree in ceramic engineering at Clemson University and in 1969 earned an MBA from Case Western Reserve University.

Upon graduation, Joe was employed as a development engineer for Ferro Corporation in Cleveland, OH and over time became division materials manager. In 1969, he accepted employment with Reliance Electric Company and had the opportunity to contribute with two stints in Cleveland, OH and one in Athens, GA. In 1974, he became plant manager of the Reliance Plant in Stone Mountain, GA, and in 1976 became plant manager of a new motor plant in Gainesville, GA. In 1981, Joe became vice president and general manager of the Dodge Business of Reliance Electric. In 1995, Reliance was acquired by Rockwell Automation and in 1998 he became president of Rockwell Automation Power Systems and senior vice president of Rockwell Automation. He retired from Rockwell in 2007 and spun-off a motor and generator repair business with the help of the Riverside Company, a private equity company headquartered in Cleveland, OH and New York City. The business was later called Integrated Power Services (IPS) where Joe served as non-executive chairman. IPS was sold in 2012. Since then he has given much of his time to assisting entrepreneurs in the Greenville community and continues to serve on numerous boards. He is currently co-chairing the Capital Campaign for the Ronald McDonald House.

Clemson University was very important in preparing Joe for his business and professional life and he has given back through service on the Mechanical Engineering Advisory Board, CURF Board of Directors, Clemson University Board of Visitors, and as an IPTAY representative. In 1990, he became a member of the Clemson University Board of Trustees and has served in that capacity ever since. In 1995, Joe received the Distinguished Service award from the Alumni Association and in 2013 he received the Clemson Medallion.

Joe is married to Barbara Ann "Bobbi" Porch who is a graduate of Ohio University. Bobbi and Joe have three children all of which are Clemson graduates; Erin '92, Audrey '95 and Ted '97. The Swann's have nine grandchildren.



## **Charles A. Tegen**

***Associate Vice President for Finance  
Clemson University***

### **EDUCATION**

Southern Wesleyan University, Central, SC  
Bachelors of Arts, Business Administration, 1974  
Clemson University, Clemson, SC  
Masters of Professional Accountancy, 1999

### **WORK EXPERIENCE**

Clemson University, Clemson, SC  
Associate Vice President for Finance and Comptroller, 1991 - to present  
Director of Accounting – 1980 – 1991  
Auditor II - 1979 to 1980  
Greene, Lindley and Company, CPAs, Anderson, SC  
Senior Auditor - 1974 to 1979

### **PROFESSIONAL LICENSE AND MEMBERSHIPS**

Licensed Certified Public Accountant in South Carolina  
American Institute of Certified Public Accountants (AICPA)  
South Carolina Association of Certified Public Accountants (SCACPA)  
Government Finance Officers Association (GFOA)  
National Association of College and University Business Officers (NACUBO)  
Southern Association of College and University Business Officers (SACUBO)

### **PROFESSIONAL ACCOMPLISHMENTS**

- Currently serves on the Board of Directors for the National Association of College and University Business Officers (NACUBO), 2008-2014, Chair 2012-2013

The National Association of College and University Business Officers (NACUBO) represents more than 2,500 colleges, universities, and higher education service providers across the country and around the world. NACUBO represents chief business and financial officers and their institutions through advocacy efforts, community service, and professional development activities. The association's mission is to advance the economic viability and business practices of higher education institutions in fulfillment of their academic missions

- Served on the NACUBO Accounting Principles Council 1998-2003; Chair 2002

- Received the NACUBO Daniel D Robinson Award in 2004 – which recognizes excellence and leadership of an individual who demonstrates a continuous commitment to the advancement of college and university accounting and reporting.
- Serves as Treasurer for the Clemson University Research Foundation, 2010 – Present
- Appointed to serve on the Governmental Accounting Standards Advisory Council, 2012 -2014
- Past President and Board of Director member of the Southern Association of College and University Business Officers (SACUBO). SACUBO serves over 800 higher education member institutions from 14 states. It is one of the four regional associations serving higher education business officers through professional development and networking opportunities.
- Presented at over 50 national and regional conferences and workshops on higher education and governmental finance topics.
  - NACUBO – National Association of College and University Business Officers
  - SACUBO – Southern Association of College and University Business Officers
  - EACUBO - Eastern Association of College and University Business Officers
  - CACUBO – Central Association of College and University Business Officers
  - WACUBO – Western Association of College and University Business Officers
  - CCBO – Community College Business Officers
  - TIFCU - Tax Institute for Colleges and Universities
  - GFOA – Government Finance Officers Association
  - SACS - Southern Association of Colleges and Schools
- Served on two national level (Department of Education) federal technical review panels which examined and recommended higher education federal financial reporting practices.

**OTHER ACTIVITIES**

- Easley Central Water District, Commissioner, 1996 – 2011
- Southern Wesleyan University Alumni Association  
Treasurer, 1991 – 1993  
Alumni Council 2003 - 2006
- DW Daniel High School Athletic Booster Club, Treasurer, 1998 – 2001
- Southern Wesleyan University, Adjunct Professor, 1980 - 1991