



# BUILDING PEOPLE AND COMMUNITIES

College of Behavioral, Social and Health Sciences, Clemson University



**CLEMSON**  
College of BEHAVIORAL,  
SOCIAL AND HEALTH SCIENCES





## MISSION

The mission of the College of Behavioral, Social and Health Sciences is to benefit people and communities through the knowledge we generate, the information we disseminate and the students we educate by creating a collaborative environment across departments.

## VISION

The College of Behavioral, Social and Health Sciences will be globally recognized for collaborative scholarship and engaged teaching that enhance our understanding of the human condition; promote individual, family and community health and well-being; and provide a foundation for innovative policy and practice.





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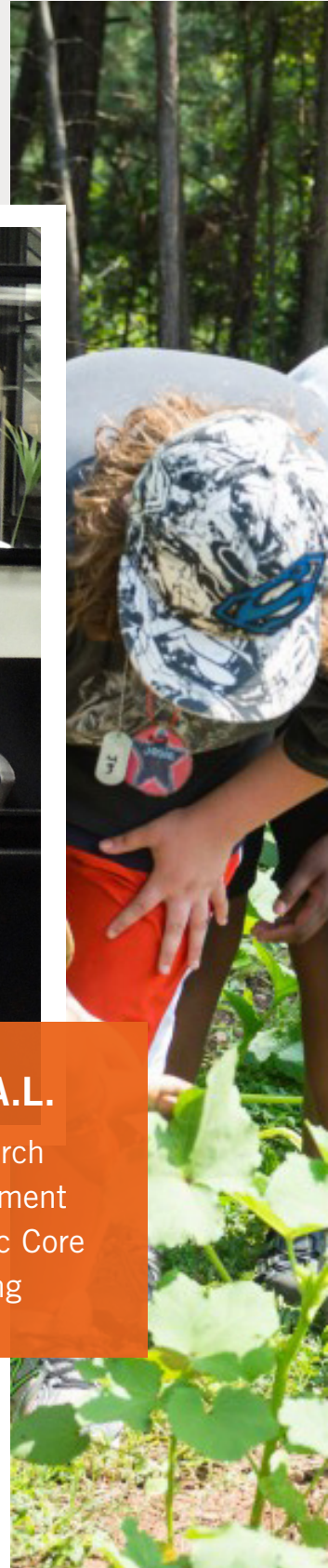
## ABOUT US

The College of Behavioral, Social and Health Sciences is committed to goals that support Clemson University's ClemsonForward strategic plan and its four strategic priorities – **RESEARCH, ENGAGEMENT, ACADEMIC CORE AND LIVING.**



**R.E.A.L.**

Research  
Engagement  
Academic Core  
Living







## OUR GOALS

**Goal 1:** Foster a vibrant, interdisciplinary community of scholars known for high-quality research and discovery that advance knowledge, shape practice and inform public policy.

**Goal 2:** Develop and deliver undergraduate degree programs that prepare students to be global citizens and advance individual and social welfare.

**Goal 3:** Develop and deliver nationally and internationally recognized graduate programs.

**Goal 4:** Develop and retain a diverse faculty and staff team recognized for teaching, research and service within and across disciplines.

**Goal 5:** Provide outreach initiatives and develop partnerships aligned with Clemson's land-grant mission.



## BY THE NUMBERS (2016)

**3,323** total enrollment

**2,830**  
undergraduate students

**202**  
faculty

**493**  
graduate students

**103**  
staff

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## RESEARCH

### Publications (2015)

**666** articles     **73** books

**51** conference proceedings

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FY 2017 Awards: **\$4.5 million**

FY 2017 Expenditures: **\$3 million**

FY 2016 proposals submitted: **104**  
**\$34 million** Submission value

## DEPARTMENTS

The College of Behavioral, Social and Health Sciences has eight academic units:

- Department of Communication
- Department of Parks, Recreation and Tourism Management
- Department of Political Science
- Department of Psychology
- Department of Public Health Sciences
- Department of Sociology, Anthropology and Criminal Justice
- Department of Youth, Family and Community Studies
- School of Nursing

The College is also home to Clemson's Master of Public Administration Program and Policy Studies Ph.D. Program.





## Department of Communication

The Department of Communication educates leaders who can face and conquer the challenges of an ever-evolving global community. It cultivates undergraduate and graduate students with the knowledge and critical thinking skills necessary to succeed not only in a professional or advanced academic environment, but also in the larger society as engaged global citizens.

### DEGREES

Communication, B.A.

Sports Communication, B.A.

Communication, Technology and Society, M.A.

### NOTABLES

The journal *Communication Education* listed faculty member **Joe Mazer** in the top one percent of published scholars in the communication discipline.

The department houses the **Social Media Listening Center**, which provides the platform to capture and analyze more than 150 million sources of social media conversations to discover online sentiment and trend information.

### FUNDING PRIORITIES

Debate program

Scholarships

Pre-Law Society (legal communication classes)

Tiger SpeakOut competition and Communication Day awards

Social Media Listening Center





## Department of Parks, Recreation and Tourism Management

Our quality of life and well-being is largely defined by how we use our free time. In an increasingly frenetic society, the need for constructive and restorative use of that time has never been greater.

In the Department of Parks, Recreation and Tourism Management, students learn how to manage recreational programs and facilities, sustainably manage the land and contribute to tourism that effects local, regional and national economies. The department improves quality of life and health through the study of human behaviors and building places that provide opportunities for transformative experiences, services and therapeutic interventions. We contribute to community growth and resilience through improved public administration, demonstrating innovative solutions to real world problems and illustrating the numerous benefits of parks, recreation and tourism.

### DEGREES

Parks, Recreation and Tourism Management, B.S.

- ° Community Recreation, Sport and Camp Management
- ° Park and Conservation Area Management
- ° PGA Golf Management
- ° Recreational Therapy
- ° Travel and Tourism

Youth Development Studies, B.S.

Parks, Recreation and Tourism Management, M.S.

- ° PRTM
- ° Recreational Therapy

Youth Development Leadership, M.S.

Parks, Recreation and Tourism Management, Ph.D.

- ° PRTM
- ° Recreational Therapy



### NOTABLES

The department is home to **PRTM EDGE**, an award-winning, immersive experience for sophomores that takes a collaborative approach to the core parks, recreation and tourism management content utilizing innovative teaching methods, creative inquiry research, real-world experience and experiential learning.

Through the **Outdoor Lab** and **Osher Institute for Life Long Learning** we are able to work with and impact society through the entire life cycle.

Our faculty and students are **nationally recognized** for their scholarship and leadership within professional organizations.

Our reach is **local to global**, and students are exposed to globally important social issues and to examples of how those issues are addressed locally.

### FUNDING PRIORITIES

Outdoor Lab (endowed directorship)

Institute for Parks

U.S. Play Coalition (annual conference, regional events and play ambassador program)

International engagement by students

Scholarships for the diversification of the student body

Support for increased student engagement with communities

Big data research on lifestyle choices, well-being, health, happiness and quality of life.



## Department of Political Science

The Department of Political Science offers courses in American politics, comparative politics, international relations, political theory, public administration and public policy, with strong programs in undergraduate research and study abroad programs. Their courses foster original research and critical thinking through student participation and faculty-student interactions.

### DEGREES

Political Science, B.S./ B.A.

### NOTABLES

Professors help direct the Clemson University **Palmetto Poll**, a University-based, statewide public opinion survey about the attitudes, behaviors and characteristics of South Carolinians.

Faculty regularly publish in peer-reviewed outlets and held the editorship of the ***Journal for the Scientific Study of Religion*** for five years.

The department runs distinctive **study abroad programs** focused on conflict and international politics.

The department has more **graduates matriculating to top law schools** than any other department on campus.

### FUNDING PRIORITIES

Study abroad

Scholarship support for Washington, D.C. internships

Creative inquiry/undergraduate research

## Department of Psychology

The Department of Psychology at Clemson is a research-oriented department that prepares students for a variety of careers related to human resources, personnel, counseling and other people-oriented positions in business and industry. The department specializes in human factors psychology and industrial-organizational psychology, with the department's faculty and students conducting research in a variety of topics including driving simulation, human-computer interaction, robotics and teleoperation and industrial-organizational research.

### FUNDING PRIORITIES

Student scholarships

Named professorships for faculty who provide outstanding student engagement

External speaker program

Networking and student mentorship programs



### DEGREES

Psychology, B.S./ B.A.

Applied Psychology, M.S.

Human Factors Psychology, Ph.D.

Industrial-Organizational Psychology, Ph.D.

### NOTABLES

Psychology professors **Tom Britt** and **Marissa Shuffler** are making recommendations to NASA on the health and performance of astronauts in preparation for the first-ever manned mission to Mars in 2030



## Department of Public Health Sciences

The Department of Public Health Sciences is dedicated to improving public health practice, health service delivery and the general health status of audiences on an international scale. The department offers several unique programs, including:

**Cardiovascular Imaging Leadership** concentration, a program blending public health, leadership training and clinical training to prepare students for cardiovascular sonography careers

**M.S./ Ph.D. in applied health research and evaluation**, an interdisciplinary program that attracts applicants across the globe and prepares students for careers in a variety of research settings

**Graduate certificate in clinical and translational research**, a partnership with Greenville Health System that prepares clinicians and research associates to conduct research advancing science and improving clinical care



### DEGREES

Health Science, B.S.

Language and International Health, B.S.

Applied Health Research and Evaluation, M.S./ Ph.D.

### NOTABLES

The American Association of Colleges and Universities named the Department of Public Health Sciences as **one of 15 exemplary undergraduate programs** in public health.

The Department of Public Health Sciences earned a coveted **national accreditation from the Council on Education for Public Health** for its Bachelor of Science in health science concentrations. This is the only program not affiliated with a public health graduate school to earn this accreditation in South Carolina and is part of the first cohort of standalone baccalaureate programs to go through this process nationally.

### FUNDING PRIORITIES

New ultrasound machine for cardiovascular imaging leadership undergraduate program

Student scholarships for master's and doctoral degree programs in applied health research and evaluation



## Department of Sociology, Anthropology and Criminal Justice Studies

The Department of Sociology, Anthropology and Criminal Justice Studies is a multidisciplinary department involving four academic traditions: sociology, anthropology, criminal justice and social work. There are unique facets to each of these disciplines, but they share a common interest in better understanding human behavior in social context and in developing ways to improve and enrich the quality of life. The department explores the theoretical perspectives that help us understand the world and analyze social structures and culture through faculty and student research and student scholarship.

### DEGREES

Sociology, B.S./ B.A.

Anthropology, B.S./ B.A.

Criminal Justice, B.S./ B.A.

Applied Sociology, M.S.

### NOTABLES

The Department of Sociology, Anthropology and Criminal Justice established a new **criminal justice undergraduate degree program**. The new program provides students with the opportunity to study a variety of timely and captivating topics such as organized crime, computer crime, criminal evidence, substance abuse, juvenile delinquency, criminology and justice administration. This new major prepares students for entry-level positions in policing, corrections, law, public service and human services by helping them develop the specific skills, knowledge and more general critical thinking and problem-solving skills that can be applied in any profession.

The research conducted by departmental faculty has been funded by the **National Science Foundation, U.S. Department of Agriculture, the Lilly Foundation, S.C. Department of Health and Environmental Control, the U.S. Department of Defense, National Institutes of Mental Health** and **Greenville Health System**.

**Catherine Mobley** is part of a team of top U.S. academic researchers participating in a National Science Foundation project examining educational experiences of military veterans seeking college degrees in engineering. **Andrew Whitehead** is engaged in research that makes the highest quality data on religion available to researchers and congregations and is funded by the **Lilly Foundation**.

### FUNDING PRIORITIES

Support for student engagement activities including:

- ° Internships with local community organizations as well as national and international organizations
- ° Job fair for criminal justice related careers
- ° Study abroad program to Hungary to examine human skeletal samples
- ° Study abroad program to South Africa to examine community development

Support faculty and student research in the area of religious congregations

- ° ARDA (Association of Religious Data Archives), the development of a business anthropology program to use ethnographic methods in corporations and industry
- ° Research in China to examine health and demographic trends and rural land ownership and the legal system

Support student engagement and research efforts in historical archaeology to reconstruct the history of Clemson and the historical structures located on the Clemson University property from Native American settlements through the historic period.





## Department of Youth, Family and Community Studies

The Department of Youth, Family and Community Studies offers an International Family and Community Studies Ph.D., a unique doctoral program designed to produce scholars and activists interested in being social change agents. Courses focus on human rights, community transformation and program evaluation.

### FUNDING PRIORITIES

Rural Poverty, primarily through building capacity of nonprofit organizations

Violence Prevention, primarily through school-based programs focused on reducing bullying

Suicide Prevention, primarily at the university level

Reducing Health Disparities, primarily through work with Hispanic nonprofit organizations

Democracy building, in countries transitioning to democracy



## School of Nursing

The School of Nursing is a nationally recognized program focused on equipping students to make a tangible difference in health care. With a focus on preparing nurses for professional practice and advance nursing scholarship, it educates students at the baccalaureate, master and doctoral levels to become health care professionals who advance scientific knowledge and evidence-based practice through research and outreach.

### DEGREES

Nursing, B.S.

- Traditional Program
- Accelerated Second Degree Program
- RN/B.S. Completion Program

Nursing, M.S.

Healthcare Genetics, Ph.D.

DNP

### NOTABLES

The School of Nursing is one of only 44 nursing education programs designated by the National League for Nursing as a **Center of Excellence in Nursing Education**, one of the highest honors in nursing education.

The School of Nursing is home to the first **interdisciplinary Ph.D. in health care** in the nation.

In the latest example of its growing collaboration with **Greenville Health System**, Clemson University announced that it will expand its nursing program in Greenville – an effort that will more than double enrollment in Clemson's traditional Bachelor of Science in Nursing program, help meet the growing need for nurses and bolster health innovation and research efforts in the Upstate.

### FUNDING PRIORITIES

Scholarships

Equipment for nursing simulation labs



# CENTERS AND INSTITUTES

Research and innovation continue to be driving factors at Clemson University. Advanced technology and state-of-the-art laboratories allow researchers, industry professionals and the community to come together at Clemson to create ideas for the future. The College of Behavioral, Social and Health Sciences houses 14 of the more than 100 centers and institutes at Clemson University, helping bridge academics, industry and community every day.

## CENTER FOR RESEARCH AND COLLABORATIVE ACTIVITIES

Facilitates grantsmanship, research and scholarship through research support initiatives.

## CLEMSON OUTDOOR LAB

Located five miles from campus, the Outdoor Lab leads a number of residential camps for children, youth and adults. Many are designed specifically for those with disabilities. It is the summer home of Jaycee Camp Hope, Camp Sertoma and Camp Lions Den and also offers other residential camps for active older adults.

The lab features rock climbing, kayaking, hikes, overnight camping stays and a high ropes course. In addition to the camps, the outdoor lab offers conference and meeting space and hosts weddings and retreats.



## OSHER LIFELONG LEARNING INSTITUTE

An award-winning membership community dedicated to creating a member-driven, volunteer-led, stimulating and interactive lifelong learning experience for seasoned adults. Our goal is to enable our members to discover where learning has no age limit.

## INSTITUTE ON FAMILY AND NEIGHBORHOOD LIFE

Conducts research, performs policy analyses, develops and evaluates programs and provides technical assistance and community education to strengthen ties between families and communities.

## SCHOOL OF HEALTH RESEARCH

A multidisciplinary unit of Clemson that facilitates medical research and scholarship by uniting research and educational opportunities at the university with clinical opportunities available in multiple health care systems.



## INSTITUTE FOR ENGAGED AGING

Facilitates research, educational programs and community outreach among university faculty and external agencies to meet the needs of a rapidly growing older adult population in the state and region.



## MOBILE MEDICINE

The Joseph F. Sullivan Center recently unveiled a new mobile health clinic that will take primary health care on the road to the state's underserved populations. The new clinic is the world's first to operate completely by solar power when parked, and it includes a variety of other features designed to optimize mobile health delivery.

## JOSEPH F. SULLIVAN CENTER

Nurse-managed, interdisciplinary health center that provides educational opportunities for Clemson students and healthcare services to Clemson employees and the community, with a focus on underserved populations.





### **CENTER FOR RESEARCH ON HEALTH DISPARITIES**

Links faculty, students and community members to advanced research on the complex causes of health disparities and strategies to eliminate them.

### **CLEMSON UNIVERSITY INSTITUTE FOR PARKS**

Provides research, education and outreach to enhance park and protected area management and increases global understanding of the natural, cultural and recreational value of parks and protected areas.

### **INSTITUTE FOR RESEARCH IN HUMAN FACTORS AND ERGONOMICS**

Applies cutting-edge scientific principles to the study of real-world problems involving the interaction of humans and technology in the home, workplace, military, transportation and entertainment.







## SOCIAL MEDIA LISTENING CENTER

Clemson University is a nationally-recognized leader in social media listening. Founded in 2012, the university's Social Media Listening Center is an interdisciplinary, cutting-edge laboratory that seeks to monitor, measure and engage in social media conversations across the web. Utilizing some of the most powerful social analytics software available, the SMLC provides learning, teaching, research and partnership opportunities to students, faculty, collaborative research partners and external clients. Salesforce Radian6 provides the platform to listen, measure and engage in conversations across the Web by capturing more than 650 million sources of social media conversations, including Facebook, Twitter, blogs, online communities and mainstream news outlets. The Radian6 summary dashboard provides a graphic display of social media content to convey sentiment, share of voice, trend information, geo-location data and more.

## STROM THURMOND INSTITUTE ON GOVERNMENT AND PUBLIC AFFAIRS

Serves business, government and community constituents through objective research and public service programs for the state and region.

## CLINICAL LEARNING AND RESEARCH CENTER

Offers dynamic learning spaces and a hospital-like clinical learning environment with high-tech equipment and high-fidelity human patient simulators.



# RESEARCH

Researchers in the College of Behavioral, Social and Health Sciences embrace the trifold mission of Clemson University by linking teaching, research and public service with a focus on the college's vision of building people and communities.

## PALLIATIVE CARE FOR NARCOTIC-DEPENDENT NEWBORNS

Public health sciences professor **Rachel Mayo** is conducting research on Greenville Health System's Managing Abstinence in Newborns (MAiN) program, an early intervention model for babies born to opioid-dependent mothers. The program offers an innovative model of care that combines early treatment, rooming-in of babies and mothers at the hospital, interdisciplinary care and outpatient medication weaning to reduce the need for neonatal intensive care.

Along with Jennifer Hudson, a physician in the GHS pediatrics department, Mayo is studying the health outcomes of babies who receive MAiN program care under Hudson at GHS and comparing those outcomes with those of babies who receive traditional care at hospitals throughout the state. They are also studying the safety, effectiveness and cost-savings potential of the program.

## IMPROVING MOBILITY AMONG PARKINSON'S PATIENTS

**Marieke Van Puymbroeck**, recreation therapy coordinator in Department of Parks, Recreation and Tourism Management, is conducting research on programs designed to improve mobility and quality of life for people with Parkinson's Disease.

She recently completed a randomized controlled pilot trial examining the effectiveness of yoga as a therapeutic intervention for Parkinson's patients, in conjunction with Greenville Health System's rehabilitation and neurology departments. Encouraged by the trial results – which indicated that yoga improved balance, gait, postural stability and quality of life – she is working with GHS on the development of a National Institutes of Health grant for a larger trial.

Her most recent research collaboration is with Larry Hodges, a professor of human-centered computing at Clemson and chief operating officer of Recovr Inc., a company providing therapist-designed rehabilitation exercise games that use virtual reality technology. Van Puymbroeck and Hodges are submitting a National Institutes of Health grant to develop Duck Duck BaM (Balance and Movement), a virtual reality game prototype aimed to improve gait, mobility and balance among people with Parkinson's Disease.

## UNDERGRADUATE RESEARCH

Faculty members and graduates aren't alone in the CBSHS research arena. Undergraduates are serving alongside them in research that is making an impact and preparing them for graduate schools and careers.

Psychology lecturer **Jennifer Bisson** and several undergraduate students are examining the effects of compression clothing on the behavior of children with autism, with emphasis on reducing stimulatory behavior. They are working with the Early Autism Project and other Applied Behavioral Analysis providers in the upstate of South Carolina to investigate the effectiveness of compression clothing on therapy outcomes.

An undergraduate research team led by communication assistant professor **Stephanie Pangborn** is working with a local retirement community to study the effects of the creative arts on patients with Alzheimer's disease and dementia. The residents recently held an art show to showcase their work.





A background image showing a student from behind, walking on a path. The student is wearing a blue t-shirt, khaki shorts, and a large black backpack with a water bottle attached. The path is bordered by a white wall on the left and green trees on the right under a clear blue sky.

## SUPPORTING THE COLLEGE

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### **Give.**

Our eight diverse and collaborative academic units position the College of Behavioral, Social and Health Sciences – and Clemson University – to become a national and international leader in solving the problems faced by individuals, families, communities and societies. We need your support in our efforts to provide unparalleled educational opportunities. Contributions towards scholarships, professorships and study abroad programs throughout the college will allow us to reach our strategic goals and to ultimately build better people and communities.

**Visit [cualumni.clemson.edu/give/cbshs](https://cualumni.clemson.edu/give/cbshs)  
to make your gift.**

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