



Department of Physics and Astronomy
Ohio University

July 31, 2020

Dr Zach Smith
Managing Partner and Practice Leader
WittKieffer Executive Search Firm

Dear Zach:

Thank you for bringing to my attention the search recently opened by the Board of Regents of the Nevada System of Higher Education for the next President of the University of Nevada, Reno (UNR). Overall, I see a number of key components that match the expectations for this position in regard to my leadership record and successful administrative experience with academic units of growing complexity. Additionally, UNR's institutional profile combines many of the main characteristics of the higher education institutions with which I am most familiar such as the University of South Carolina state-wide system; the University Iowa (UI)'s flagship status, comprehensive range of professional schools including a medical school, and demands of being part of Big Ten Conference athletics; and Ohio University's outreach and regional mission in Appalachia. Therefore, I will strive to summarize in this letter aspects of my professional experience as they relate to requirements included in the UNR's statement of leadership.

As you can see from the summary of leadership roles at various ranks that I have assumed alongside my academic activities in teaching, research and service at major public universities (pages 2-7 of my CV), I have a track record setting high goals, planning, and achieving them. My most recent administrative experience as the Executive Vice President and Provost at Ohio University (OU) came at a pivotal time in the institution's history when deep organizational restructuring became necessary due to a combination of long-standing dwindling budgets directly tied to declining student enrollment. Despite the financial constraints, my office was successful in achieving organizational changes needed to advance goals of our strategic plan such as the consolidation of previously isolated five regional campuses and five centers into one single system, *One Ohio*, to better coordinate program offerings, student enrollment and instructional support; the reorganization of offices under my supervision; and the substantial investment in student success, faculty support and engagement initiatives. I also faced my share of challenges including a historical budget deficit, misconduct issues, controversial speakers on campus, and a backlog of Title IX cases that was resolved within a few months thanks to staffing changes I implemented.

At the core of a top-ranked university is the pursuit of excellence in scholarship, teaching and engagement. Cutting-edge research and scholarship, as well as implementing best practices for student success require substantial support. The President plays a key role in helping secure and strategically allocate resources. Successful financial planning demands full understanding of the different sources of revenues and familiarity with the different budgeting models. During my administrative career, I have had extensive experience with budgeting at different levels from departmental to college to the entire university. I have successfully managed budgets under constraints of legacy, RCM and hybrid models. No matter the model, in times of drastic budget shortfalls, difficult decisions are required to reallocate limited resources in alignment with strategic goals, which can create a strain between the financial and academic teams of the administration. To face such difficulties, it is my conviction that the president's leadership team must be united and fully committed to the academic mission of the university. During my tenure at Iowa, my firm commitment to total transparency and collaborative action proved crucial, and the College maintained

a balanced budget six years in a row with positive indicators of all our goals. At OU, I applied the same approach and with the VP of Finance we facilitated the transition from an RCM budget model to a hybrid one. The larger than expected drop in enrollment aggravated by the COVID-19 crisis forced us to face drastic budget-cut scenarios which further polarized the different internal constituencies (academic vs. non-academic) leading to a vote of no confidence in the President and the VP of Finance by the faculty senate.

I am a firm believer in the power of communication, consultation and collaboration. More than ever the President has to be an effective communicator and advocate for public research universities showing the tremendous value that they bring to the state, the nation and the world. Internal and external communication is vital. As an administrator, I always valued shared governance and have worked collaboratively with a broad spectrum of faculty and leadership in all the academic and non-academic units for the successful implementation of strategic plans related to student success, research and scholarly work, outreach and engagement. I have equally interacted effectively to establish collaborations with a wide range of key external stakeholders such as the Board of Regents, local and national legislators, alumni, donors and friends, private foundations, federal agencies and private businesses. This has allowed me to be highly successful in fundraising and building support for the institution.

Research and scholarship are at the core of all top-tier research universities and require substantial support. Diversifying the extramural funding portfolio with private partnerships is critical to maintain and further develop a robust research program as federal funding is expected at best to remain flat. Particular attention should be given to enhance the institutional ability to compete nationally in attracting, retaining and rewarding faculty. This requires not only competitive salaries but also access to adequate human and material resources as well as the development of academic policies that promote high standards of performance yet allow room for individual circumstances. A strong culture that encourages, recognizes and rewards excellence is also needed to support faculty in their aspirations for research, teaching and service. Interdisciplinarity is critical to develop the knowledge needed to address the many societal challenges faced by the state, the nation and the world. At OU, I encouraged and facilitated collaborations between the osteopathic school of medicine and the Cleveland Clinic, the Nationwide Children Hospital, and Kettering Health to create internship opportunities, explore new health curriculum, community outreach, cluster hires within interdisciplinary initiatives seeking to address the many societal challenges created by chronic health issues such as diabetes and cardiovascular diseases prevalent in rural and underserved areas in Appalachia. As a Dean at Iowa, I took advantage of the institutional strength of the medical school to help the College of Arts & Sciences become an important player in interdisciplinary research initiatives such as Aging Mind & Brain, and Neuroscience.

The President should be a good steward of public and private support and work on creating a diverse, inclusive and safe environment for students, staff and faculty of all backgrounds. Diversity and inclusion are more critical than ever for universities who aspire to be leaders in higher education in the 21st century. I try to keep in mind that non-traditional diversity presents non-traditional challenges including biases from or feelings of isolation due to a disability, different socioeconomic, religious, political, ethnic or educational backgrounds, and gender-based differences. During my administrative career, I have been instrumental in improving retention, graduation rates and career placement of underrepresented students. At Iowa, thanks to initiatives I strongly supported, we diversified our staff and faculty population. At the assistant and associate level, we achieved gender parity for the first time in the College. In the challenging environment for student recruitment in the Midwest and more specifically in Ohio, I have established successful collaborative initiatives joining efforts with the Office of Diversity & Inclusion to pursue new recruitment strategies among the Latino and the large African refugee community resettling in central Ohio. In my first year at OU, my pro-active approach resulted in the hiring of several underrepresented faculty and top administrators.

To be successful in the current difficult academic environment, the President must strive to keep in mind the perspectives of both a faculty member and an administrator. She or he must be a passionate face of the University. A leader is someone who helps a vision become reality. Realizing that strategic plans are

not static but evolve and must be adjusted to rapidly changing external circumstances allows the institution to pursue the goals established by joint agreement of all parties. In addition of the support of the governing board of the University, the President needs the trust of the Provost, the Deans, faculty, staff and students and has to keep them fully engaged. Grassroots' ownership of a vision is critical for its successful implementation. The President has to be the right catalyst in this process, accept that there will be setbacks but be confident that the goals will be achieved. Therefore, I have a keen appreciation for the leadership role of the President in spearheading well-crafted plans to enhance faculty scholarship, to build an inclusive multicultural academic community, to attract and retain students and ensure their success in academia and in life. Innovations in teaching and outreach have to be supported to allow the institution to enroll and better serve the new student demographics. A strong sense of collegiality is fundamental in maximizing academic achievements. The philosophy and mode of leadership directly impact these lofty goals. I strongly believe in integrity, perseverance, openness and transparency. As an administrator, I have systematically worked my hardest to listen to all parties, build consensus and generate grass-root support to achieve our common goals. I try not to forget that administrators are at the service of faculty and students whose quality and creativity ultimately determine the reputation of the institution.

In summary, I believe that my scholarly accomplishments and academic leadership experiences at three institutions make me well qualified to be the next President of the University of Nevada, Reno. It would be a pleasure and an honor to focus my talents and energies working closely with the Chancellor of the Nevada System of Higher Education and UNR's leadership team, consolidating the flagship status of the university and further enhancing its national and international standing in admittedly very difficult times for higher education.

Please do not hesitate to contact me if you need additional information that would be helpful in evaluating me for the position.

Sincerely,



Chaden Djalali, PhD

CHADEN DJALALI. PH.D.

Professor, Physics and Astronomy
Ohio University
Athens, OH 45701

PROFESSIONAL PREPARATION

University of Paris XI, Paris, France	BS, Physics (Honors)	1977
University of Paris XI, Paris, France	MS, Physics (Highest Honors)	1978
IPN-Orsay, Paris, France	PhD, Nuclear Physics (Highest Honors)	1981
IPN-Orsay, Paris, France	Post -Doctoral degree (These d'Etat) (Highest Honors)	1984

PROFESSIONAL APPOINTMENTS

2018-2020	Executive Vice President and Provost , Ohio University, Athens OH
2018-present	Professor , Department of Physics and Astronomy, Ohio University, Athens, OH
2012-2018	Dean , College of Liberal Arts and Sciences, University of Iowa, Iowa City, IA
2012-2018	Professor , Department of Physics and Astronomy, University of Iowa, Iowa City, IA
2004-2012	Chair , Physics Department, University of South Carolina, Columbia, SC
1996-2012	Professor , Physics Department, University of South Carolina, Columbia, SC
1992-1996	Associate Professor , Physics Department, University of South Carolina, Columbia, SC
1989-1992	Assistant Professor , Physics Department, University of South Carolina, Columbia, SC
1988-1989	Visiting Physicist , NSCL, Michigan State University
1987-1992	Tenured Research Scientist , IPN-Orsay, France
1985-1987	Research Associate , NSCL, Michigan State University
1981-1985	Tenured Research Physicist , IPN-Orsay, France

AFFILIATIONS AND COLLABORATIONS

2006-present	Member of the TREK Collaboration, KEK and JPARC, Tsukuba, Japan
1991-1998	Member of the GRAAL Collaboration, ESRF (GRAAL) Grenoble, France
1989-present	Member of the CLAS Collaboration, CEBAF/TJNAF, Newport News, VA
1989-1995	Guest Scientist, LEGS Collaboration, B. N. L., Upton, NY
1986-1996	Guest Scientist, Laboratoire National Saturne, Saclay, France
1986-1989	Guest Scientist, Los Alamos National Laboratory

HONORS AND AWARDS

2012-2018	Alumni Association Dean's Chair , University of Iowa
2007-2012	Carolina Distinguished Professorship (Top University faculty recognition)
2006	USC Educational Foundation Service Award
2004	USC M. J. Mungo Award for Excellence in Graduate Teaching
2003	Carolina Trustee Professorship
2001	USC Educational Foundation Research Award for STEM
1999	USC Amoco Teaching Award (top University faculty award)
1997	USC M. J. Mungo Award for Excellence in Undergraduate Teaching
1985	French CNRS Medal for "Outstanding Junior researcher in Nuclear physics"
1981-1984	CNRS-Fellow (tenured scientist position)

ADMINISTRATIVE/LEADERSHIP EXPERIENCE (Not Exhaustive List)

Executive Vice President and Provost at Ohio University (2018-2020)

Ohio University (OU) had a total student headcount of 33,044 in fall 2019 (26,610 undergraduate and 6,434 graduate) enrolled in its main campus in Athens, five regional campuses in southeast Ohio and five centers across the State. OU is home to two very special academic units: the only degree-granting Honors Tutorial college in the US incorporating all essential features of a tutorial-based education in the tradition of British universities; and the only college of Osteopathic Medicine in Ohio. Since OU is located in a most vulnerable and underserved Appalachian area of the state, the University has made a commitment to addressing many of the critical needs in the region, especially those related to health and economic development.

- **Planning and implementation of strategic goals:** When I joined OU in mid 2018, President Nellis asked me to work closely with the leadership team to finalize and implement the OU strategic plan under development. We were able to launch OU's *Fearlessly First* strategic plan last September with its four framework themes and eleven initiatives (<https://www.ohio.edu/president/ohio-strategic-framework>). Substantial progress on many of these initiatives were achieved this past year (see below).
- **Organizational changes needed to advance the strategic plan:** My office successfully ran searches for six deans (College of Engineering, Libraries, College of Arts & Sciences, Chillicothe regional campus, Honors Tutorial College, and the Executive Dean for Regional Higher Education & Lifelong Learning) and the new director of OU press, hiring the top candidate in each case.
Although not a Land Grant institution, OU with its regional campuses and centers serves a large population in eastern Ohio in regard to health care, education, work force training, and socioeconomic development needs. The *One Ohio* initiative consolidated all the campuses into one whole system under the Executive Dean for Regional campuses with a common goal to efficiently serve their constituencies.
Following the vacancy of the Vice Provost for Enrollment, my office hired an external consultant under whose expert advice, I recommended raising the status of the position to Vice President for Enrollment with reporting lines directly to the President's office with the goal to attract experienced candidates and empower them to fulfill the crucial enrollment mission of the office.
In order to accelerate the backlog of Title IX cases open at the time of my arrival, I appointed a new director and approved staffing changes so that within a few months all cases were managed thus positioning us as compliant with Title IX requirements.
Due to the importance of accurate institutional data for strategic decisions, the office of Institutional Research was reorganized with a new director working closely in collaboration the IT division and access to analytic software and tools such as *HelioCampus*.
- **Faculty support for research and scholarship:** Working with the VP for research and the Chief Medical Affairs Officer, a white paper was released with a plan to substantially increase research in the Health Sciences so as to further rise OU's current NIH funding levels, achieved as a result of the successful faculty hires for the clusters of the Ohio Diabetes Institute and the Ohio Musculoskeletal & Neurological institute.
My office established a working group of OU Distinguished Professors to develop a mentoring program for mid-career faculty to improve on-time promotion of Associate to Full Professor.
I spearheaded a campaign to nominate outstanding faculty for awards such as AAAS, Jefferson Fellow, NEH, Fulbright, Guggenheim fellows, etc. using *Academic Analytics* as a systematic tool to measure our performance levels in comparison to peer institutions and explore new possibilities to pursue measures of recognition for the institution.
Retention of faculty members was a top priority for my administration. Working with deans and department chairs and despite major budgetary contraction, we were able to secure retention deals for faculty and took a proactive approach to identify updated requirements by active researchers at risk of being solicited by other institutions.
- **Student success (Curricular innovation, recruitment, retention and graduation):** In the spirit of accessibility and affordability, the use of Open Educational Resources was expanded.
Funding from the Provost Office undergraduate research initiatives was extended resulting in an increase in the number of students involved in research.

I supported the revision of OU's 40-year-old Gen Ed which was approved by the Faculty Senate.

Building on OU's strengths in health-related disciplines, my office launched a curriculum development initiative in consultation with the Cleveland Clinic and the Ohio Health Alliance to develop a pre-med track, with enhanced career and graduate school advisement, preparation for MCAT, aspiring to convert OU into the encouraged destination for pre-med and health careers in the region.

E-sports initiative was created with a corresponding curriculum track made possible thanks to our well-established virtual reality laboratory (GridLab) as well as OU's number one ranked sports administration program.

The *Ohio Guarantee Plus* (4 year to graduate pathway) was developed and rolled out this past semester. This guarantee locks tuition, housing, dining and fees for 12 consecutive semesters.

As Chair of the Strategic Enrollment Executive Committee, I appointed several working groups to examine the recruitment and retention of first generation and under-represented domestic students, recruitment of international students, optimizing our financial-aid packages, improving our summer course offerings, developing more online and hybrid courses, and increasing OU's first-year retention as well as 4- and 6-years graduation rates. I invested in recruiters with a focus on China, Vietnam, India and Malaysia. We expanded our regional and national recruiting events by partnering with OU's Alumni and advancement office.

All these efforts benefitted from our partnerships with *EAB* and *HelioCampus*, both funded by my office.

The Provost office supported the increase in stipends and health coverage for our graduate students.

- **Facilities:** An in-depth analysis was initiated about usage of space both for education and research activities. A preliminary report was submitted to the leadership team. I worked closely with facilities and the Finance Office and found adequate facilities to host our new Esports initiative. I also funded the renovation of space for a veteran's lounge.

Mid and long-term plans were accomplished for the completion of the new Medical school and chemistry buildings the conception of a new Arts building as well as the next health "corridor" of biomedical and health units on campus.

- **Diversity and inclusion:** To underline my strong commitment to diversity be it ethnic, gender and socioeconomic background, I worked jointly with the new VP of Diversity & Inclusion to instill equitable and intentional practices to increase the diversity of our student, staff and faculty population and help build a more inclusive campus environment. All search committee members went through implicit bias "training" and the committees had to demonstrate that they had actively generated a diverse pool of candidates. These efforts resulted in the hiring of the first female dean of the school of Engineering, and the new African American female director of the OU press and other underrepresented faculty and administrators.

In Collaboration with the VP for Diversity & Inclusion, we launched a strategic initiative to recruit students from the Latino and the large African refugee community in central Ohio.

I secured continued support to assist veteran population throughout the entire process from application to graduation. OU has earned the *Military Friendly School* Gold recognition.

- **Outreach, Public Relations and Communication:** I collaborated closely with the VP of Marketing and Communications strengthening our branding identity which distinguishes our institution in a time of serious competition for recruitment, emphasizing our success with first generation Appalachian students, our strength in the health and social sciences and our commitment to the model of the *Ohio guarantee*.

Capitalizing in our engineering strength with the Air force base in Dayton, my administration invested in outreach and exploring research partnerships with the Wright-Patterson Air force base leading to the appointment of a senior executive director for research partnerships with extensive experience in the industry and a strong record achieving research revenues for higher education institutions.

Building on the joint initiative of OU's Heritage College of Osteopathic Medicine with the Cleveland Clinic, Ohio Health, Nationwide children hospital, and Kettering Health, I participated actively in our efforts to create internship opportunities as well as health related community outreach activities.

To fulfill our commitment to economic and social development in the surrounding areas, I met regularly with the Mayor and city council members to engage in initiatives for the of benefit small business, entrepreneurship, procurement training grants and funds.

My office supported OU's first time application for the Carnegie Community Engagement recognition which we didn't achieve; but we were able to assemble for the first time a complete application and database of all existing

outreach and engagement efforts. The process sensitized the university constituents to the importance of engagement and its recognition in annual evaluations and promotion.

With co-sponsoring from the development office, my office coordinated offering fundraising workshops for deans, chairs and directors to involve them in institutional fundraising efforts and communication with alumni and donors.

- **Business and Finance:** OU's \$760M budget is co-managed by the Provost and the VP of finance. Moving away from RCM to a more sustainable system was motivated by the ongoing decline in enrollment and by the necessity to move to a multiyear budget planning. The process required extensive consultation and modeling and was about to be implemented, but plans had to be put on hold and be reevaluated because of Covid-19. The plan included a much-needed streamlining of operations and implementation of shared services.
To deal with the impending financial crisis in existence prior to the economic havoc of the COVID-19 pandemic, my office works very closely with the VP of finance and the Legal office to develop and launch an early retirement program for faculty. We also explored furlough plans to minimize faculty layoffs and hardship on lower income personnel while preserving student services.

Dean of the College of Liberal Arts and Sciences at the University of Iowa (2012-2018)

CLAS is the most comprehensive college of arts and sciences in the Big Ten. In 2018, it had 39 units including four Schools (Music, Social Work, Journalism & Mass Communications, and Art & Art History). With an overall budget of approximately \$210 million, CLAS had close to 800 faculty members, 430 staff, 2,400 graduate students (~1,000 TAs), close to 17,500 undergraduate students, and conferred almost 70% of all undergraduate degrees.

- **Planning and implementation of strategic goals:** My administration led CLAS in the successful implementation of its 2011-2016 strategic plan. Regular progress assessment and reliance on shared governance allowed surpass almost all our goals. The strategic plan was organized under four overarching goals: 1. advance research, scholarship, and creative activities; 2. enrich undergraduate and graduate education; 3. promote outreach and public engagement; 4. create a culturally diverse and globally conscious community.
- **Research and Scholarship:** Working closely with the Office of Research, CLAS provided internal grants, grant writing seminars, pre- and post-award support, course releases, bridge funding and mentoring by successful PIs. These efforts resulted in increased scholarly activities as measured by the number of publications, citations, awards, and extra mural funding.
CLAS was part of several interdisciplinary initiatives such as Aging Mind & Brain, Genetics, Informatics, Obesity, Public Digital Arts, Public Humanities, and Neuroscience which resulted in several joint faculty hires, new majors and BA/BS/MS tracks. The Neuroscience initiative was one of UI's top priorities and involved the Medical School, CLAS, Engineering and the College of Education.
- **Curriculum Initiatives:** Regular curriculum reviews were carried out in consultation with the departments under the supervision of the CLAS Undergraduate Educational Policy Committee. Dozens of new majors, minors and certificates (many joint between units and colleges) were proposed and approved by the Board of Regents. Several interdisciplinary and intercollegiate accelerated bachelors-professional degrees were implemented. CLAS encouraged innovations in terms of first year seminars, Big Idea constellation courses, flipped courses, and offered incentives in the form of summer stipends or TA support. The number of undergraduate students involved in research increased steadily.
- **Undergraduate Education.** The College hired a recruiter to work closely with the departments and the UI office of admissions to increase enrollment. The number of professional advisers was more than doubled from 10 to 22. In addition to standard advising, they helped with recruiting and placement of students. In 2017, CLAS had more than a dozen living and learning communities.
On the international front, our partnership with the Office of International affairs led to better organized recruiting events which doubled the yields to more than 70%. CLAS invested in the writing and speaking center for international students, later expanded to support all students in need of help with communication skills.

Our initiatives paid off: as a result of professional advisement and partnership with the career center, our first-year retention and 4- and 6-years graduation rates were at an all-time high when I left the UI and our graduates had a 95% job or grad school placement rate.

- **Graduate Education:** CLAS confers 50% of PhDs and MA/MS degrees at the University. To stress the College's commitment to graduate education, I appointed a new Associate Dean solely for Graduate Education. Alternative paths in some graduate programs were explored and CLAS introduced several internally funded fellowships for students who were writing their thesis and implemented a policy to cover maternity leaves for graduate students. The close collaboration with the Graduate College resulted in UI graduate students winning more CGS Distinguished Dissertation Awards than any other public university.
- **Facilities:** During my tenure, I supervised the construction of two major state-of-the-art buildings for the School of Music and the Art Studio. Construction was finished and the buildings occupied on schedule. In addition, I secured approval from the Board of Regents for a new Brain & Psychological Sciences building that was inaugurated in March of 2020. CLAS aggressively pursued renovation and upgrade of laboratory space for teaching and research. The IT equipment was upgraded on a regular basis. My administration turned over a five-year master plan for facilities and regularly monitor the College's building conditions and their usage.
- **Diversity and inclusion:** My strong commitment to diversity in recruiting faculty, staff and students led in 2016-2017, to CLAS' largest and most diverse incoming class. Among the College's tenured and tenure-track faculty who specified race, 21% were minorities. With regard to inclusion, the professional development efforts, the systematization of annual evaluations and the mentoring at all levels resulted in better retention of faculty specially minorities and women. In 2017, close to 50% of all tenure-track and tenured faculty at assistant and associate levels were women. We encouraged opportunity hires and ensured diversity among pools of applicants. Chairs and members of search committees were required to undergo training conducted by the UI office of diversity and equal opportunity.
- **Public Relations and Communication:** The CLAS strategic communication initiative introduced during my tenure as a Dean led to a better branding corroborated by upgrade of websites and increased communications with all constituencies. These changes positioned CLAS as a strong advocate of Liberal Arts education working closely with top ranked professional schools. On behalf of CLAS and the UI, I interacted regularly with local and national public officers as well as leaders in the private sector.
- **Human resources and management:** An in-depth efficiency review resulted in some administrative and academic reorganizations. CLAS implemented shared services, centralized consolidated IT services and facilities, HR and budget streamlining. The College received "high marks" from the Accenture Consulting Group review for this implementation process. On the academic front, CLAS closely worked with EAB consulting group monitoring class offerings, size of classes, visitor allocations, lecturer versus tenure track hires to make sure that limited resources were used efficiently without compromising academic standards.
- **Business and Finance:** Total transparency in all budgetary matters was implemented for the first time in CLAS resulting in a more trustful and collaborative atmosphere in the college. Better Internal communication and new business analytics tools (developed and deployed by the CLAS IT group) were extremely helpful to departmental chairs and business managers. During my entire tenure and despite budget cuts, the College ran without a deficit. In 2017-2018, I was actively involved with my fellow deans and the President's cabinet in an in-depth assessment of the UI budgeting model. We reviewed extensively different budgetary models used by peer institutions and collectively decided to adopt a hybrid sustainable model.
- **Fundraising:** The University of Iowa's largest fund-raising campaign ended in December 2016. The goal for CLAS was 100 million with 70 million already raised in 2012 at the onset of my administration. By 2013 we had already reached the original 100-million goal, so I decided to raise the goal to 140 million. In January 2016, we reached our new goal, 11 months before the end of the campaign. By the end of 2016, CLAS had reached 150 million!
- **CLAS outreach and engagement:** from 2012 to 2018, CLAS outreach activities increased in all areas: performing arts (music, dance theatre), STEM initiatives in schools and for the general public; reinsertion programs for prisoners, free clinics screening for speech and hearing, and creative writing in K-12 schools and for the general

population. CLAS defined metrics to evaluate engagements and recognize such endeavors in our T&P criteria. A new associate dean was appointed to oversee and coordinate all our engagement and outreach efforts.

- **Internationalization:** Thanks to my international experience and fluency in four languages, I worked together with the UI International office to internationalize and diversify the CLAS student body through recruitment from China, South Korea, Japan, the Middle East and Latin America. The UI Award-winning *India Winterim* study abroad program continued to grow, and faculty exchanges were facilitated through dozens of MOUs with top ranked overseas universities. I played a key role in activating several alumni associations around the world. Our international alumni acted as ambassadors and recruiters for UI and CLAS, as well as mentors for our domestic students studying abroad.

Chair of the Department of Physics and Astronomy at the University of South Carolina (2004-2012)

- **Human resources and growth of the Department:** Department of Physics & Astronomy had 19 faculty members with a yearly operating budget of two million dollars and roughly four million dollars in external grants in 2004 when I began my first term as a chair. I oversaw more than 15 faculty searches resulting in hires of the top choice candidates in every case. At the end of my second term, the department had 25 faculty members despite large number of retirements, an operating budget over three million dollars, our external funding more than doubled reaching eight million dollars, our graduate and undergraduate enrollments had substantially increased, and all our tenure and promotion cases were successful.
- **Financial planning and management:** During my entire tenure as the Chair, the departmental budget was effectively managed without deficit. In 2009-2010, reduction by 10% of the operating budget of the department due to state mandated cuts resulted in the loss of two instructor positions and five TA slots. Careful planning with input from faculty, staff and students led to a crisis management plan endorsed unanimously by the department that allowed us to readjust our priorities without affecting our main mission of teaching, research and outreach.
- **Diversity and Inclusion:** the diversity in the department was improved by two female staff hires and an additional female faculty. Two funded GAANN proposals helped diversify our graduate student population.
- **Outreach:** Our popular outreach programs (public stargazing nights at our local Melton Observatory and our Midway physics day at the Annual State fair) continued to attract thousands of people each year.
- **Fundraising and alumni relations:** I successfully raised funds from donors and national laboratories (Thomas Jefferson National Laboratory and ORNL) to cover start-up packages and laboratory renovations for new hires. Regular newsletter kept alumni in touch and the annual contributions helped with the colloquium program and student travel to conferences.
- **Facilities and infrastructure:** Successful planning and execution of a major renovation plan required moving the department to a temporary location for six months and moving back into the renovated space.
- **Interdisciplinary initiatives:** I successfully led several interdisciplinary efforts in Medical Physics, Nuclear Engineering and Nanotechnologies. These efforts resulted in several hires who were successful securing extramural funding, and two of them were later awarded an Early Career Award and a PECASE.

University/College/Department level

- **Tenure and Promotion committee (1999-2002, elected chair in 2001-2002):** Top committee on campus requiring substantial time commitment. Members were required to be knowledgeable about T&P criteria in all colleges and schools to decide all tenure cases in the university. On average 70 to 80 T&P files from all disciplines were reviewed every year and final recommendations were made to the president. The committee also reviewed unit criteria and recommended changes to improve academic excellence and performance standards.
- **Chair of committee reviewing the Dean of the Honors College (1999-2000):** Organized the review, surveyed all the constituencies interacting with the Honors' College, analyzed the state of the College, evaluated the performance of the Dean and his administration.

- **Russell Research Award for Natural Sciences** (2001-2004, chair in 2003-2004): The committee reviewed all the nominations and selected the winners of the university-wide top research awards in the natural sciences.
- **Faculty Grievance Committee** (2001-2002): Committee reviewed and handled all grievance cases from faculty related to tenure and promotion, raises, discrimination, etc.
- **Faculty Senate Steering Committee** (2001-2002): Monthly meeting of all the chairs of the main faculty committees with the Provost to decide about the agenda of the faculty senate, review the committees' annual reports, and solicit nominations for membership on the different university-wide committees.
- **Religious Affairs and President's Interfaith Committee** (2003-2012): The committee reviewed the annual reports of the organizations and reviewed the credentials of the religious workers before approving their affiliation with the University and organized interfaith events for students, faculty and staff.
- **Merging of College of Sciences and Math with College of Humanities** (2003): In 2003, the USC president set up a committee to look into the merging of the College of Humanities with the College of Sciences and Mathematics creating a single College of Arts & Sciences. The committee was charged with studying the pros and cons of such a merger. The committee recommended the merger and proposed a plan identifying the necessary resources and structure to successfully achieve the merger. The committee's task culminated with the creation of the new College of Arts & Sciences at the end of 2004.
- **Chaired Provost's Study group evaluating the role of the Graduate School** (2008-2009): a study group set up by the Provost and charged with the evaluation of the role of the Graduate School at USC and to recommend the needed changes for the school to match the university's aspirations as a top doctoral institution. The yearlong extensive study resulted in an official report with extensive recommendations, which were gradually implemented.
- **Chaired the Undergraduate Curriculum Committee in Physics and Astronomy** (1994-2000): I facilitated the creation of the Engineering Physics track. I adopted and implemented the MSU Open-Source Distributed Learning Content Management and Assessment System LONCAPA, encouraged and implemented several flipped classes and increased the use of clickers in large introductory courses. I helped revise the Physics & Astronomy undergraduate curriculum, changed the laboratory format in our large introductory Physics courses, and improved the advisement and mentoring of our undergraduate majors.
- **Director of Graduate Studies in Physics and Astronomy** (2000-2004): I led the revision of the graduate curriculum, improved the regular assessment of the program, worked closely with other departmental committees in improving retention and reducing time to completion. In an effort to improve the diversity of graduate student population, I successfully applied for two GAANN grants to implement a fellowship program for underrepresented minorities in physics and astronomy. I regularly visited several South American Universities to establish exchange programs, gave research and recruiting talks in Spanish. Signed an MOU with the University of Los Andes in Colombia. Several graduate students came to USC from Colombia, Ecuador, Brazil and Argentina.

ACADEMIC EXPERIENCE**SCIENTIFIC WORK (summary):**

Extramural funding 1989-2018: _____	> \$10 Million
Articles Refereed in top tier journals: _____	242
Papers and Abstracts in Conferences and Symposia: _____	>300
Citations of refereed papers	>11,000
h_{HEP} index _____	61
Postdoctoral fellows supervised: _____	12
Graduated Students directed: _____	17
Talks and colloquia: _____	89

EXTRAMURAL FUNDING:

NSF Research Grants with co-PIs G. Blanpied, B. M. Preedom and C. S. Whisnant: 9/1/89-5/31/97	\$2,460,810
NSF Research Grants with co-PIs B. M. Preedom, D. Tedeschi and C. S. Whisnant: 6/1/97-3/31/04	\$2,100,000
NSF Research Grants with co-PI D. Tedeschi: 4/1/00-3/31/04	\$18,000
SURA/JLAB Grants: 1999-2006	\$137,600
DOE/EPSCoR Grant with co-PI D. Tedeschi: 1/01/02-12/31/06	\$440,307
NSF Research Grants with co-PIs R. Gothe and D. Tedeschi: 4/1/03-7/31/09	\$2,200,000
NSF International Conference/Workshop Grants with co-PI P. Cole: 04/07-03/08 & 09/05/-08/06	\$64,400
NSF Research Grants with co-PIs R. Gothe, S. Strauch and D. Tedeschi: 8/1/09-7/31/12	\$1,725,000
NSF Research Grants with co-PIs R. Gothe, S. Strauch and Y. Ilieva: 8/1/12-7/31/16	\$1,325,000

MENTORING AND SUPERVISION**POSTDOCTORAL SCHOLARS SUPERVISED:**

1989-1991	C. Steve Whisnant, Professor and Head, Physics Department, James Madison University
1990-1991	Marie-Alix Duval, Permanent Research Scientist, Laboratoire IMNC, CNRS P7-P11, Paris, France
1992-1993	Dominique Rebreyend, Permanent Research Scientist, Institut Sciences Nucléaires, Grenoble
1992-1994	April Tam, Broker, Wall Street firm
1994-1998	Marc Lucas, Associate Professor, Department of Physics and Astronomy, Ohio University
2000-2004	Michael Wood, Associate Professor and Chair of Dept Physics, Canisius College, Buffalo, NY
2002-2006	Oleksandr Dzyubak, Research Scientist, Physiological Imaging Research Lab, Mayo-Rochester
2005-2008	Rakhsha Nasseripour, Tenure track faculty, Lake Land College, IL.
2006-2008	Kijun Park, Post-Doctoral Research Fellow at JLab
2008-2011	Michael Paolone, Tenure Track Faculty at New Mexico State University
2009-2011	Svyatoslav Tkachenko, Post-Doctoral Research UVA
2013-2017	Haiyun Lu, Senior programmer, private sector

GRADUATE STUDENTS SUPERVISED

PhD	1990-1993: Barry Johnson, Science Editor, John Wiley and Sons, NY
MS	1991-1992: Michel Guidal, Director of IPNO Laboratory, University Paris XI- France
MS	1993-1994: Etienne Burtin, Permanent Research Scientist, "Centre d'Etudes Atomiques", France
MS	1994-1995: Thierry Auger, Permanent Research Scientist, "Centre d'Etudes Atomiques", France
MS	1994-1996: Daniel Pomarede, Permanent Scientist at "Centre d'Etudes Atomiques", France
MS	1994-1996: Marc Swynghedauw, started own Software Company, Switzerland
MS	1995-1997: Sebastien Fabbro, Scientist in Private Sector, USA
MS	1996-1998: Yannick Patois, Professional Engineer in Private Sector, France
PhD	1996-2002: Matthew Guillo, Staff Scientist in Nuclear Reactor Division, CEA, France
MS	1997-1999: Pascal Girard, Engineer in private sector, France
PhD	1999-2001: Alena Parfenova, Scientist in Private Sector, USA

Curriculum Vitae – Chaden Djalali

MS	2000-2001: Antoine Cazes, Faculty, University of Lyon, France
PhD	2001-2005: Clarisse Tur, Wall Street firm.
PhD	2005-2007: Vladimir Montealegre, deceased 2012
MS/PhD	2004-2012: Nicolas Recalde, Medical Physicist pursuing a PhD at USC
PhD	2008-2010: Tayfun Akyurek, USC- Nuclear Engineering Program
PhD	2011- 2015: Jiang Hao, PhD defended in July 2017, USC

PROFESSIONAL MEMBERSHIP AND SERVICE

1990-present	Regular Referee for top tier Physics Journals (Phys. Rev, Phys. Rev. Lett., EJPA, NPA, ...)
1990-present	Reviewer for NSF, NSF-OISE, Research Foundation, DOE-EPSCOR
1997-present	Reviewer for publishers (McGraw Hill, J. Wiley, Cambridge Press, John Hopkins Press,...)
1999-present	Organizing committee for Latin American international Symposia in Nuclear Physics: Argentina (2005), Peru (2007), Chile (2009), Ecuador (2011), Uruguay (2013), Colombia (2015)
2000-present	Membership committee, CLAS Collaboration at Thomas Jefferson Laboratory
2006-2008	Pegram Teaching Award Committee for SESAPS (Chair in 2008)
2008-2009	External Assessor/reviewer of Physics programs overseas
2010-2014	Thomas Jefferson Laboratory CLAS12 steering committee
2011	co-organizer of the 2nd CLAS12 European workshop in Paris, France (March 7-11)
2011-2012	co-organizer of an international workshop at the European Center for Theoretical Studies in Nuclear Physics and Related Areas in Trento, Italy
2000- present	Member of the American Physical Society (APS)
2004-present	Member of the American Association for the Advancement of Science (AAAS)
2012-2018	Member of the Council of Colleges of Arts & Sciences (CCAS)
2012-2018	Member of the Deans of Arts and Sciences groups (AAU and CIC/Big Ten Academic Alliance)

RECENTS PAPERS IN REFEREED JOURNALS (since 2012)

(Total number = 242, Full list available upon request)

154. "Measurement of Exclusive π^0 Electro-production Structure Functions and their Relationship to Transversity GPDs" with I. Bedlinskiy *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 109 (**2012**) 112001.
155. "A study of the P11(1440) and D13(1520) resonances from CLAS data on $ep \rightarrow e' \pi^+ \pi^- p$ " with Mokeev *et al.*, (The CLAS Collaboration), Phys. Rev. C 86 (**2012**) 035203.
156. "A comparison of forward and backward pp pair knockout in $^3\text{He}(e,e'\pi^+n)$ " with H. Baghdasaryan *et al.*, (The CLAS Collaboration), Phys. Rev. C 85 (**2012**) 064318.
157. "Measurement of the generalized form factors near threshold via $\gamma^* p \rightarrow n \pi^+$ at high Q^2 " with K. Park *et al.*, (The CLAS Collaboration), Phys. Rev. C 85 (**2012**) 035208.
158. "Branching Ratio of the Electromagnetic Decay of the $\Sigma^+(1385)$ " with D. Keller *et al.*, (The CLAS Collaboration), Phys. Rev. D 85 (**2012**) 052004.
159. "Measurement of the neutron F2 structure function via spectator tagging" with N. Baillie *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 108 (**2012**) 142001.
160. "Shrunken particles pass freely through nuclear matter" with El Fassi *et al.*, (The CLAS Collaboration), Phys. Lett. B 712 (**2012**) 326.
161. "Upper limits for the photo-production cross section for the $\Phi^-(1860)$ pentaquark state off the deuteron" with H. Egiyan *et al.*, (The CLAS Collaboration), Phys. Rev. C 85 (**2012**) 015205.
162. "Deep exclusive π^+ electro-production off the proton at CLAS" with K. Park *et al.*, (The CLAS Collaboration), Eur. Phys. J. A 49 (**2013**) 16.
163. "Measurement of Transparency Ratios for Protons from Short-Range Correlated Pairs" with O. Hen *et al.*, (The CLAS Collaboration), Phys. Lett. B 722 (**2013**) 63.
164. "Measurement of the $\Sigma \pi$ Photo-production Line Shapes Near the $\Lambda(1405)$ " with Kei Moriya *et al.*, (The CLAS Collaboration), Phys. Rev. C 87 (**2013**) 035206.

165. “Transverse Polarization of Sigma+(1189) in Photo-production on a Hydrogen Target” with C. S. Nepali *et al.*, (The CLAS Collaboration), Phys. Rev. C 87 (2013) 045206.
166. “Near Threshold Neutral Pion Electro-production at High Momentum Transfers and Generalized Form Factors” with P. Khetarpal *et al.*, (The CLAS Collaboration), Phys. Rev. C 87 (2013) 045205.
167. “Separated Structure Functions for Exclusive K+ Lambda and K+ Sigma 0 Electro-production at 5.5 GeV with CLAS” with D. S. Carman *et al.*, (The CLAS Collaboration), Phys. Rev. C 87 (2013) 025204.
168. “Hard Two-Body Photodisintegration of He” with Y. Ilieva *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 110, (2013) 242301.
169. “Cross sections for the $\gamma p \rightarrow K^* + \Lambda$ and $\gamma p \rightarrow K^* + \Sigma^0$ reactions measured at CLAS” with W. Tang *et al.*, (The CLAS Collaboration), Phys. Rev. C 87, (2013) 065204.
170. “Differential photo-production cross sections of the $\Sigma^0(1385)$, $\Lambda(1405)$, and $\Lambda(1520)$ ” with K. Moriya *et al.*, (The CLAS Collaboration), Phys. Rev. C 88, (2013) 045201.
171. “Demonstration of a novel technique to measure two-photon exchange effects in elastic $e(+/-)p$ scattering” with M. Moteabbed *et al.*, (The CLAS Collaboration), Phys. Rev. C 88, (2013) 025210.
172. “First observation of the $\Lambda(1405)$ line shape in electro-production” with H. Y. Lu *et al.*, (The CLAS Collaboration), Phys. Rev. C 88, (2013) 045202.
173. “Beam asymmetry Sigma for π^+ and π^0 photo-production on the proton for photon energies from 1.102 to 1.862 GeV” with M. Dugger *et al.*, (The CLAS Collaboration), Phys. Rev. C 88, (2013) 065203.
174. “Measurement of the Spin and Parity of the Lambda(1405)” with K. Moriya *et al.*, (The CLAS Collaboration), Accepted to Phys. Rev. Lett. 112 (2014) 082004.
175. “Phi-meson photo-production on Hydrogen in the neutral decay mode.” with H. Seraydaryan *et al.*, (The CLAS Collaboration), Phys. Rev. C 89 (2014) 055206.
176. “Beam-spin Asymmetries from Semi-inclusive Pion Electro-production.” with W. Gohn *et al.*, (The CLAS Collaboration), Phys. Rev. D 89 (2014) 072011.
177. “Measurement of the free neutron structure function using spectator tagging in inelastic $d(e,e' p s)X$ scattering with CLAS.” with S. Tkachenko *et al.*, (The CLAS Collaboration), Phys. Rev. C 89 (2014) 045206.
178. “Precision measurement of g_1 of the proton and the deuteron with 6 GeV electrons.” with Y. Prok *et al.*, (The CLAS Collaboration), Phys. Rev. C 90 (2014) 055212.
179. “Data analysis techniques, differential cross sections and spin density matrix elements for the reaction $\gamma p \rightarrow \phi p$.” with B. Dey *et al.*, (The CLAS Collaboration), Phys. Rev. C 89 (2014) 055208.
180. “Exclusive π^0 electro-production at $W > 2$ GeV with CLAS.” with I. Bedlinskiy *et al.*, (The CLAS Collaboration), Phys. Rev. C 90 (2014) 039901.
181. “Momentum sharing in imbalanced Fermi systems.” with O. Hen *et al.*, (The CLAS Collaboration), Science 31 October 2014: Vol. 346 no. 6209 pp. 614-617.
182. “Induced polarization of Lambda(1116) in kaon electro-production.” with M. Gabrielyan *et al.*, (The CLAS Collaboration), Phys. Rev. C 90 (2014) 035202.
183. “Flavor Dependence of qq-bar Creation Observed in the Exclusive Limit.” with M. Mestayer *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 113 (2014) 152004.
184. “Longitudinal target-spin asymmetries for deeply virtual Compton scattering.” with E. Seder *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 114 (2015) 032001.
185. “Resolving the proton form factor problem by comparing electron and positron scattering from the proton.” with D. Adikaram *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 114 (2015) 062003.
186. “Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target.” with S. Pisano *et al.*, (The CLAS Collaboration), Phys. Rev. D 91 (2015) 052014.
187. “Determination of the Beam-Spin Asymmetry of Deuteron Photodisintegration in the Energy Region $E_\gamma = 1.1 - 2.3$ GeV.” with N. Zachariou *et al.*, (The CLAS Collaboration), Phys. Rev. C 91 (2015) 055202.
188. “Measurements of $ep \rightarrow e'\pi^+n$ at $1.6 < W < 2.0$ GeV and extraction of nucleon resonance electro-couplings at CLAS” with K. Park *et al.*, (The CLAS Collaboration), Phys. Rev. C 91 (2015) 045203.
189. “First Measurement of the Polarization Observable E in the $p \rightarrow (\bar{\nu}, \pi^+)n$ Reaction up to 2.25 GeV” with S. Strauch *et al.*, (The CLAS Collaboration), Phys. Lett. B 750 (2015) 53.
190. “Cross sections for the exclusive photon electro-production on the proton and Generalized Parton Distributions” with H. S. Jo *et al.*, (The CLAS Collaboration), Phys. Rev. Lett. 115 (2015) 212003.

191. "Performance test of a lead-glass counter for the J-PARC E36 experiment" with Y. Miyazaki et al., (The TREK Collaboration), Nucl. Instr. & Meth. A779 (2015) 13.
192. "Precise Determination of the Deuteron Spin Structure at Low to Moderate Q^2 with CLAS and Extraction of the Neutron Contribution" with N. Guler et al., (The CLAS Collaboration), Phys. Rev. C92 (2015) 055201.
193. "A search for baryon- and lepton-number violating decays of Lambda hyperons using the CLAS detector at Jefferson Laboratory" with M. McCracken et al., (The CLAS Collaboration), Phys. Rev. D92 (2015) 072002.
194. "First measurement of the helicity asymmetry E in eta photo-production on the proton" with I. Senderovich et al., (The CLAS Collaboration), Phys. Lett. B755 (2016) 64
195. "Photo-production of Λ and Σ^0 hyperons using linearly polarized photons" with C. A. Paterson et al. (The CLAS Collaboration) Phys. Rev. C93 (2016) 065201
196. "Photo-production of the $f_1(1285)$ meson" with R. Dickson et al. (The CLAS Collaboration), Phys. Rev. C93 (2016) 065202
197. "Measurement of Target and Double-spin Asymmetries for $ep \rightarrow e\pi^+(n)$ Reaction in the Nucleon Resonance Region at Low Q^2 " with X. Zheng et al., (The CLAS Collaboration), Phys. Rev. C94 (2016) 045206.
198. "Target and beam-target spin asymmetries in exclusive π^+ and π^- electroproduction with 1.6- to 5.7-GeV electrons" with P. E. Bosted et al., (The CLAS Collaboration), Phys. Rev. C94 (2016) 055201.
199. "Target and double spin asymmetries of deeply virtual $\pi^0\pi^0$ production with a longitudinally polarized proton target and CLAS" with A. Kim et al., (The CLAS Collaboration), Phys. Lett. B768 (2017) 168.
200. "Beam-target double-spin asymmetry in quasi-elastic electron scattering off the deuteron with CLAS" with M. Mayer et al., (The CLAS Collaboration), Phys. Rev. C95 (2017) 024005.
201. "Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$. I. $ep \rightarrow e\pi^+n$ " with P. E. Bosted et al., (The CLAS Collaboration), Phys. Rev. C95 (2017) 035206.
202. "Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$. II. $ep \rightarrow e\pi^0p$ " with P. E. Bosted et al., (The CLAS Collaboration), Phys. Rev. C95 (2017) 035207.
203. "Exclusive η electroproduction at $W > 2 \text{ GeV}$ with CLAS and transversity generalized parton distributions" with I. Bedlinskiy et al. (The CLAS Collaboration), Phys. Rev. C95 (2017) 035202.
204. "Photon beam asymmetry Σ for η and η' photoproduction from the proton" with P. Collins et al., (The CLAS Collaboration), Phys. Lett. B771 (2017) 213.
205. "Beam-Target Helicity Asymmetry for $\vec{\gamma}n \rightarrow \pi^-p$ in the N^* Resonance Region" with D. Ho et al., (The CLAS Collaboration), Phys. Rev. Lett. 118 (2017) 242002
206. "Differential cross sections and polarization observables from CLAS K^* photoproduction and the search for new N^* states" with A.V. Anisovich et al., (The CLAS Collaboration), Phys. Lett. B771 (2017) 142.
207. "Measurement of two-photon exchange effect by comparing elastic $e\pm p$ cross sections" with D. Rimal et al., (The CLAS Collaboration), Phys. Rev. C95 (2017) 065201.
208. "Differential cross section measurements for $\gamma n \rightarrow \pi^-p$ above the first nucleon resonance region" with P. T. Mattione et al., (The CLAS Collaboration), Phys. Rev. C96 (2017) 035204.
209. "Photon beam asymmetry Σ in the reaction $\gamma \rightarrow p \rightarrow p\omega$ for $E_\gamma = 1.152$ to 1.876 GeV " with P. Collins et al., (The CLAS Collaboration), Phys. Lett. B773 (2017) 112.
210. "Measurements of $ep \rightarrow e^+\pi^+\pi^-p'$ Cross Sections with CLAS at $1.40 \text{ GeV} < W < 2.0 \text{ GeV}$ and $2.0 \text{ GeV}^2 < Q^2 < 5.0 \text{ GeV}^2$ " with E. L. Isupov et al., (The CLAS Collaboration), Phys. Rev. C96 (2017) 025209.
211. "Measurement of the Helicity Difference E in $\omega \rightarrow \pi^+\pi^-\pi^0$ Photoproduction" with Z. Akbar et al., (The CLAS Collaboration), Phys. Rev. C96 (2017) 065209.
212. "Determination of the Proton Spin Structure Functions for $0.05 < Q^2 < 5 \text{ GeV}^2$ Using CLAS" with R.G. Fersch et al., (The CLAS Collaboration), Phys. Rev. C96 (2017) 065208.
213. "Measurement of the Differential and Total Cross Sections of the $\gamma d \rightarrow K^0\Lambda$ Reaction within the Resonance Region" with N. Compton et al., (The CLAS Collaboration), Phys. Rev. C96 (2017) 065201.
214. "First Exclusive Measurement of Deeply Virtual Compton Scattering off ^4He : Toward the 3D Tomography of Nuclei" with M. Hattawy et al., (The CLAS Collaboration), Phys. Rev. Lett. 119 (2017) 202004.
215. "Hard exclusive pion electroproduction at backward angles with CLAS" with K. Park et al., (The CLAS Collaboration), Phys. Lett. B780 (2018) 340.
216. "Semi-Inclusive π^0 target and beam-target asymmetries from 6 GeV electron scattering with CLAS" with S. Jawalkar et al., (The CLAS Collaboration), Phys. Lett. B782 (2018) 662.

217. “Measurement of the Q^2 Dependence of the Deuteron Spin Structure Function g_1 and its Moments at Low Q^2 with CLAS” with K. P. Adhikari et al., (The CLAS Collaboration), Phys. Rev. Lett. 120 (2018) 062501.
218. “Measurement of the beam asymmetry Σ and the target asymmetry T in the photoproduction of ω mesons off the proton using CLAS at Jefferson Laboratory” with P. Roy et al., (The CLAS Collaboration), Phys. Rev. C97 (2018) 055202.
219. “Double K^0_S Photoproduction off the Proton at CLAS” with S. Chandavar et al., (The CLAS Collaboration), Phys. Rev. C97 (2018) 025203.
220. “Exclusive photoproduction of π^0 up to large values of Mandelstam variables s , t and u with CLAS” with M. C. Kunkel et al., (The CLAS Collaboration), Phys. Rev. C98 (2018) 015207.
221. “Differential cross section for $\gamma d \rightarrow \omega d$ using CLAS at Jefferson Lab” with T. Chetry et al., (The CLAS Collaboration), Phys. Lett. B782 (2018) 646.
222. “First measurement of Ξ^- polarization in photoproduction” with J. Bono et al., (The CLAS Collaboration), Phys. Lett. B783 (2018) 280.
223. “Measurements of the $\gamma vp \rightarrow p' \pi^+ \pi^-$ cross-section with the CLAS detector for $0.4 \text{ GeV}^2 < Q^2 < 1.0 \text{ GeV}^2$ and $1.3 \text{ GeV} < W < 1.825 \text{ GeV}$ ” with G. V. Fedotov et al., (The CLAS Collaboration), Phys. Rev. C98 (2018) 025203.
224. “Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, e' pp)$ Reaction” with E. O. Cohen et al., (The CLAS Collaboration), Phys. Rev. Lett. 121 (2018) 092501.
225. “Beam-target helicity asymmetry E in $K^0 \Lambda$ and $K^0 \Sigma^0$ photoproduction on the neutron” with D. H. Ho et al., (The CLAS Collaboration), Phys. Rev. C98 (2018) 045205.
226. “Performance check of the CsI(Tl) calorimeter for the J-PARC E36 experiment by observing e^+ from muon decay” H. Ito et al., Nucl. Instr. Meth. A901 (2018) 1.
227. “Photoproduction of $K^+ K^-$ meson pairs on the proton” with S. Lombardo et al., (The CLAS Collaboration), Phys. Rev. D98 (2018) 052009.
228. “Probing high-momentum protons and neutrons in neutron-rich nuclei” with M. Duer et al., Nature 560 (2018) no.7720, 617.
229. “Study of Ξ^* Photoproduction from Threshold to $W=3.3 \text{ GeV}$ ” with J. T. Goetz et al., (The CLAS Collaboration), Phys. Rev. C98 (2018) 062201.
230. “Measurement of Unpolarized and Polarized Cross Sections for Deeply Virtual Compton Scattering on the Proton at Jefferson Laboratory with CLAS” with N. Hirlinger Saylor et al., (The CLAS Collaboration), Phys. Rev. C98 (2018) 045203.
231. “First results on nucleon resonance photocouplings from the $\gamma p \rightarrow \pi^+ \pi^- p$ reaction” with E. Golovatch et al., (The CLAS Collaboration), Phys. Lett. B788 (2019) 371.
232. “Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei” with M. Duer et al., (The CLAS Collaboration), Phys. Rev. Lett. 122 (2019) 172502.
233. “First Measurements of the Double-Polarization Observables F , P , and H in ω Photoproduction off Transversely Polarized Protons in the N^* Resonance Region” with P. Roy et al., (The CLAS Collaboration), Phys. Rev. Lett. 122 (2019) 162301.
234. “Measurement of the beam spin asymmetry of $ep \rightarrow e' p' \eta$ in the deep-inelastic regime with CLAS” with B. Zhao et al., (The CLAS Collaboration), Phys. Lett. B789 (2019) 426.
235. “Modified structure of protons and neutrons in correlated pairs” with B. Schmookler et al., Nature 566 (2019) no.7744, 354.
236. “Exploring the Structure of the Bound Proton with Deeply Virtual Compton Scattering” with Hattawy et al., (The CLAS Collaboration), Phys. Rev. Lett. 123 (2019) 032502.
237. “Measurement of Nuclear Transparency Ratios for Protons and Neutrons” with M. Duer et al. (The CLAS Collaboration), Phys. Rev. Lett. 797 (2019) 134792.
238. “Exclusive $\pi^0 p$ Electroproduction off Protons in the Resonance Region at Photon Virtualities $0.4 < Q^2 < 1 \text{ GeV}^2$ ” with N. Markov et al. (The CLAS Collaboration), Phys. Rev. C101 (2020) 015208.
239. “Probing the Core of the Strong Nuclear Interaction” with A. Schimdt et al., (The CLAS Collaboration), Nature 578 (2020) 540.
240. “The CLAS12 Spectrometer at Jefferson Laboratory.” With V.D. Burkert et al., (The CLAS Collaboration), Nucl. Instr. Meth. A959 (2020) 163419.
241. “Beam-Target Helicity Asymmetry E in $K+\Sigma^-$ Photoproduction on the Neutron” with N. Zachariou et al., (The CLAS Collaboration), Phys. Lett. B-accepted (2020) in press.

242. “Extraction of beam-spin asymmetries from the hard exclusive π^+ channel off protons in a wide range of kinematics” with S. Diehl et al. (The CLAS Collaboration), Phys. Rev. Lett. **-accepted (2020)** in press.

RECENT PAPERS AT INTERNATIONAL CONFERENCES, WORKSHOPS, SEMINARS AND COLLOQUIA (since 2010)

(Full list available upon request)

70. “Chiral Symmetry and Medium Modification of Vector Mesons”, Colloquium, Department of Physics and Astronomy, University of Georgia, Athens, GA, Sept 23, 2010.
71. “In-medium Hadron Modification and Meson Spectroscopy at CLAS”, DIS2010, XVIII International Workshop on Deep-Inelastic Scattering and Related Subjects, Florence, Italy, Apr 19-23, 2010.
72. “Photo-production of Vector Mesons on Nuclei”, MENU2010, Meson-Nucleon Physics and the Structure of the Nucleon, Williamsburg, VA, USA, May 31-June 4, 2010.
73. “Modifications of hadrons in the nuclear medium - experimental overview”, Thomas Jefferson Laboratory Users Annual Meeting and Workshop, Newport News, VA, USA, June 7-9, 2010.
74. “Medium Modification of Vector Mesons”, ICHEP2010, 35th International Conference on High Energy Physics, Paris, France, July 22-28, 2010.
75. “The In-medium Mass and Widths of light Vector Mesons”, IX International Conference on Quark Confinement and The Hadron Spectrum, Madrid, Spain, August 30 – September 3, 2010.
76. “Mesons in the medium, Chiral Symmetry”, Colloquium Department of Physics, Kansas State University, Manhattan KS, April 6, 2011.
77. “Some Experimental and Theoretical Challenges in Hadronic Physics”, Colloquium, Departamento de Fisica, Universidad de Los Andes, Bogota, Colombia, August 1, 2011.
78. “Hadronic Physics at Thomas Jefferson National Laboratory (JLab)”, Centro Internacional de física nuclear, Universidad Nacional, Bogotá, Colombia, August 3, 2011.
79. “Light Vector Meson Photo-production off of H at Jefferson Lab and ρ - ω Interference in the Leptonic Decay Channel”, XIV International Conference on Hadron Spectroscopy, Hadron 2011, Munich Germany, June 13-17, 2011.
80. “Absorption of the Omega and Phi Mesons in Nuclei”, IX Latin American Symposium in Nuclear Physics and Applications, Quito Ecuador, July 18-22, 2011.
81. “The TREK Program at J-PARC”, IX Latin American Symposium in Nuclear Physics and Applications, Quito Ecuador, July 18-22, 2011.
82. “Properties of Vector Mesons in the Nuclear Medium and Chiral Symmetry Restoration”, The ECTP international conference on primordial QCD Matter in LHC Era, Cairo, Egypt, Dec 4-8, 2011
83. “Medium Modification of Vector Mesons”, High Energy Physics in the LHC Era, 4th International Conference, Valparaiso, Chile, Jan 4-10, 2012.
84. “A Study of the ρ - ω Interference in the e^+e^- decay channel from $\gamma p \rightarrow e^+e^-X$ ”, XV International Conference on Hadron Spectroscopy, Hadron 2013, Nara, Japan, Nov 4-8, 2013.
85. “ ρ - ω Interference in the Leptonic Decay Channel from Photo-production off of a ^1H target at JLab”, X Latin American Symposium in Nuclear Physics and Applications, Montevideo, Uruguay, Dec 1-6, 2013.
86. “Light Vector Meson Photo-production off of ^1H at Jefferson Lab and ρ - ω Interference in the Leptonic Decay Channel”, XV International Conference on Hadron Spectroscopy, HADRON 2013 in Nara, Japan, Nov 4-8, 2-13.
87. “The TREK Experiment”, XI International Conference on Hyperons, Charm and Beauty Hadrons, BEACH 2014, Birmingham, England, July 21-26, 2014.
88. “Status of the TREK/E36 Experiment at J-PARC, Search for New Physics via a Precision Measurement of $K_{e2}/K_{\mu 2}$ ratio at J-PARC”, PSI 2016 international Workshop, Oct 16-20, 2016, Villigen, Switzerland
89. “Test of Lepton Universality at J-PARC” for the TREK Collaboration, LASNPA & WONP-NURT 2017, Oct 23-27, 2017, Havana Cuba.

