



FLORIDA INTERNATIONAL UNIVERSITY
BOARD OF TRUSTEES
HEALTH AFFAIRS COMMITTEE

Friday, June 2, 2017

10:30 am **approximate start time*

Florida International University

Modesto A. Maidique Campus

College of Business Special Events Center, Room 233

Committee Membership:

Jose J. Armas, *Chair*; Justo L. Pozo, *Vice Chair*; Cesar L. Alvarez; Jorge L. Arrizurieta; Leonard Boord;
Michael G. Joseph

AGENDA

- | | |
|---|---------------------|
| 1. Call to Order and Chair's Remarks | Jose J. Armas |
| 2. Approval of Minutes | Jose J. Armas |
| 3. Academic Health Center Reports <i>(No Action Required)</i> | |
| 3.1 General Update | John A. Rock |
| 3.2 Biomedical Engineering | Ranu Jung |
| 4. Information Items <i>(No Action Required)</i> | |
| 4.1 School of Integrated Science and Humanity | Walter V. Van Hamme |
| 4.2 Herbert Wertheim College of Medicine | John A. Rock |
| 4.3 Robert Stempel College of Public Health and Social Work | Tomas R. Guilarte |
| 4.4 Nicole Wertheim College of Nursing and Health Sciences | Ora L. Strickland |
| 5. New Business <i>(If Any)</i> | Jose J. Armas |
| 6. Concluding Remarks and Adjournment | Jose J. Armas |

The next Health Affairs Committee Meeting is scheduled for Thursday, September 7, 2017

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2. Approval of Minutes

Approval of Minutes

THE FLORIDA INTERNATIONAL UNIVERSITY
BOARD OF TRUSTEES
Health Affairs Committee
June 2, 2017

Subject: Approval of Minutes of Meeting held December 1, 2016

Proposed Committee Action:

Approval of Minutes of the Health Affairs Committee meeting held on Thursday, December 1, 2016 at the FIU, Modesto A. Maidique Campus, Graham Center Ballrooms.

Background Information:

Health Affairs Committee members will review and approve the Minutes of the Health Affairs Committee meeting held on Thursday, December 1, 2016 at the FIU, Modesto A. Maidique Campus, Graham Center Ballrooms.

Supporting Documentation:

Minutes: Health Affairs Committee Meeting, December 1, 2016

Facilitator/Presenter:

Jose J. Armas, *Health Affairs Committee Chair*

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**FLORIDA INTERNATIONAL UNIVERSITY
BOARD OF TRUSTEES
HEALTH AFFAIRS COMMITTEE
MINUTES
DECEMBER 1, 2016**

1. Call to Order and Chair's Remarks

The Florida International University Board of Trustees' Health Affairs Committee meeting was called to order by Committee Chair Jose J. Armas at 11:14 am on Thursday, December 1, 2016 at the Modesto A. Maidique Campus, Graham Center Ballrooms.

The following attendance was recorded:

Present

Jose J. Armas, *Chair*
Justo L. Pozo, *Vice Chair*
Jorge L. Arrizurieta
Leonard Boord

Excused

Cesar L. Alvarez
Michael G. Joseph

Board Chair Claudia Puig, Trustees Alian Collazo, Gerald C. Grant Jr., Marc D. Sarnoff, and Kathleen L. Wilson and University President Mark B. Rosenberg were also in attendance.

Committee Chair Armas welcomed all Trustees, University faculty and staff to the meeting.

2. Approval of Minutes

Committee Chair Armas asked that the Committee approve the Minutes of the meeting held on September 1, 2016. A motion was made and passed to approve the Minutes of the Health Affairs Committee Meeting held on Thursday, September 1, 2016.

3. Academic Health Center (AHC) Reports

3.1 General Update

Founding Dean and Senior Vice President for Health Affairs, John A. Rock, noted that the June 23, 2016 Board of Governors update on health strategic plan implementation sets forth goals for meeting the health workforce needs of Florida. Dr. Rock stated that the State University System (SUS) is seeking \$80 million in State support for an initiative that will competitively award funding to Florida's medical schools to cover startup and expansion costs to increase the number of residency positions in critical areas. He mentioned that the number one limitation to meeting the demand for

nursing graduates in Florida is a shortage of nursing faculty. He added that the SUS is seeking \$15 million in State support for strategies to increase nursing program capacity by recruiting and retaining SUS nursing faculty. Dr. Rock also reported that at its November 2, 2016 meeting the Board of Governors approved both legislative budget requests.

3.2 NWCNHS Comparisons of Faculty Salaries and Faculty to Student Ratios

Provost and Executive Vice President Kenneth G. Furton presented a benchmark analysis comparing faculty salaries and student to faculty ratios at the University's Nicole Wertheim College of Nursing and Health Sciences (NWCNHS). He compared student to faculty ratios relative to SUS R1 institutions, noting that FIU's student to faculty ratio was 26:1, which he added was consistent with the median and that of FSU. He also presented a salary benchmark analysis that compared salaries for selected disciplines and discipline-wide, indicating that Bachelor of Science in Nursing faculty salaries are comparable in the SUS by rank, that private institutions with medical centers maintain the highest salaries for nurse anesthetists, and that the FIU full professor rank is the only salary category that is competitive with local private institutions. He discussed future plans for new funding models that would reallocate faculty and revenue for NWCNHS strategic degrees.

Trustee Leonard Boord inquired as to University's process for un-used budgetary line items at the end of the year. In response to Trustee Boord's inquiry, Senior Vice President for Administration and Chief Financial Officer, Kenneth A. Jessell noted that un-used budgetary items are presented to the Board each year as carry forward, adding that he and the Provost review carry forward balances and distribute based on the University's strategic plan and strategic priorities.

Committee Chair Armas directed questions to Dean of the Nicole Wertheim College of Nursing and Health Sciences Ora L. Strickland regarding specific noncompetitive areas of concern. In response to Committee Chair Armas' inquiry, Dean Strickland added that the graduate nursing program, the physical therapy program, and the B.S. in health services administration have higher student to faculty ratios.

3.3 Zika Awareness Program and Implementation

Chief Executive Officer and FIU Health Associate Dean, Dr. Eneida O. Roldan reported that the University's Zika awareness program was still ongoing, noting that the last case diagnosed in Miami-Dade County was in mid-October. She stated that given the changing seasons, no new Zika cases are expected.

3.4 FIU Student Health Update

Dr. Roldan provided a summary and detailed next steps on the integration of FIU Student Health Services (SHS) with the FIU HealthCare Network (FIU HCN) and also presented a benchmarking analysis of SHS within the SUS and an overview of FIU HCN behavioral services.

Assistant Vice President for Counseling and Health Services and the Executive Director of Counseling and Psychological Services (CAPS), Dr. Cheryl Nowell described the services that fall under the purview of the Division of Student Affairs. Dr. Nowell stated that Counseling Services follows a clinician-led model and provides neuro-psychological testing, noting that most students

who seek out counseling services present with depression and anxiety and are seen, on average, for six sessions. She indicated that students must be in counseling in order to receive psychiatric services and that the retention rate for students who receive counselling services is as high as or higher than students that do not receive counseling. Dr. Nowell reported that the healthy living program provides alcohol counseling, sleep, eating, and safer sex counseling. She further noted that the Disability Resource Center (DRC) provides support for students that have been diagnosed within ADA guidelines. Dr. Nowell indicated that the Victim Empowerment Program has a highly trained staff that is not only equipped to provide the appropriate care and response to address immediate health and safety needs, but that it also is able to provide support after traumatic events. She mentioned that the Athletic Rehab Training Program was initiated under student health and provides on-field treatment for student-athletes.

Trustee Alian Collazo stated that student government leadership has taken a proactive role in engaging with students regarding their concerns and the perceived stigmas attached to the treatment of mental health issues. He added that the University offers stress reducing services such as: massage therapy; aroma therapy; and acupuncture that can offer relief and assistance to students who do not wish to see a counselor. He mentioned that services such as these are critical to Law students who may be discouraged from seeking counseling services because certain mental health issues must be disclosed on The Florida Bar application.

▪ **Budgetary Analysis of Student Health Fee**

Executive Director of Budget for Student Affairs, Matilde Gramling presented a benchmark analysis comparing the Student Health Fee among the SUS. She noted that FIU's health fee is the fourth lowest amongst the twelve SUS institutions and that FIU is the only institution that bases its health fee on student head count as opposed to per student credit hour. She added that FIU has charged the Student Health Fee based on head count because of the large commuter population. She also provided historical student enrollment data and delineated expenses by area. She further noted that the majority of the budget is comprised of salaries, indicating that \$7.9M supports filled and unfilled positions in the division of student affairs and also in the clinics.

Trustee Collazo inquired as to how the \$1M from student health services is allocated. Ms. Gramling addressed Trustee Collazo's question by noting that these funds are split into an auxiliary account in order to supplement the health fee and augment the services that are provided.

4. Information Items

Committee Chair Armas requested that the reports within the Information Items be accepted as written. There were no objections.

5. New Business

No new business was raised.

6. Concluding Remarks and Adjournment

With no other business, Committee Chair Jose J. Armas adjourned the meeting of the Florida International University Board of Trustees Health Affairs Committee on Thursday, December 1, 2016 at 12:48 p.m.

<i>Trustee Requests</i>	<i>Follow-up</i>	<i>Completion Date</i>
1. <i>Committee Chair Armas requested a follow-up to the NWCNHS comparisons of faculty salaries and faculty to student ratios in order to evaluate NWCNHS programs in terms of accreditation criteria.</i>	<i>Provost and Executive Vice President Kenneth G. Furton</i>	<i>Next regularly scheduled committee meeting</i>
2. <i>Committee Chair Armas requested to continue the discussion on the oversight and management of the Student Health Fee and to review psychiatry and psychological services allocations and referrals process.</i>	<i>Provost and Executive Vice President Kenneth G. Furton</i>	<i>Next regularly scheduled committee meeting</i>
3. <i>Committee Chair Armas requested an update on the University's Biomedical Engineering program.</i>	<i>Provost and Executive Vice President Kenneth G. Furton</i>	<i>Next regularly scheduled committee meeting</i>
4. <i>Committee Chair Armas requested an analysis of how student health fees are allocated nationally and in the State University system in terms of a comparison to the University's allocations.</i>	<i>Dean and Senior Vice President for Health Affairs, John A. Rock</i>	<i>Next regularly scheduled committee meeting</i>

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4.1 School of Integrated Science and Humanity

FIU Board of Trustees
Health Affairs Committee
School of Integrated Science and Humanity Update
June 2, 2017
Page 1



School of Integrated Science and Humanity Report to the Board of Trustees Health Affairs Committee June 2017

The School of Integrated Science and Humanity (SISH) in the College of Arts, Sciences & Education provides an interdisciplinary home for the study of health-themed sciences such as biochemistry, biophysics, neuroscience, and cognitive and behavioral sciences. The following provides an update of recent SISH health-related activities.

BIOMOLECULAR SCIENCES INSTITUTE (BSI)

Director: Dr. Yuk-Ching Tse-Dinh

The Biomolecular Sciences Institute (BSI) is a multidisciplinary group of faculty involved in state-of-the-art research in the area of biomolecular and biomedical science. Recently, BSI faculty member Yuan Liu, associate professor of Chemistry and Biochemistry, submitted a patent application on "High Throughput Measurement of DNA Base Lesion Repair Capacity in Cell Lysates." The proposed technology is simple, fast, and useful in identifying anti-cancer drugs and environmental toxicants for disease prevention. It will allow high-throughput measurement of base-excision repair capacity of lysates of cells obtained from human population studies and patient tissue.

BSI member Matthew DeGennaro, assistant professor of Biological Sciences, will be part of the *Southeast Regional Center of Excellence in Vector-Borne Disease*, a new collaboration between four Florida universities funded by a \$10 million grant from the Centers for Disease Control and Prevention (CDC). Understanding how mosquitoes sense their hosts is the focus of the DeGennaro lab. The funding for this Regional Center is part of the government's \$184 million response dedicated to the reduction and eradication of the Zika Virus.

The BSI fosters collaborative research in areas of strength through the College of Arts, Sciences & Education's Departments of Biological Sciences (specifically Molecular Biology), Chemistry and Biochemistry, and Physics, and the College of Engineering & Computing (CEC), the Robert Stempel College of Public Health and Social Work (RSCPHSW), and the Herbert Wertheim College of Medicine (HWCOW). The cross-departmental and cross-college faculty interactions create the potential for more innovative approaches to problems than those addressed by individual faculty alone. The BSI integrates both basic and applied research.

CENTER FOR CHILDREN AND FAMILIES (CCF)

Director: Dr. William Pelham

The Center for Children and Families (CCF) is an interdisciplinary team of researchers and service providers committed to improving the lives of children with mental health problems. The CCF is the leading provider of evidence-based services for children with ADHD in Miami, and since its establishment in 2010, it has served approximately 10,000 families across clinical and research programs. The renowned Summer Treatment Program (STP) served 264 children during the summer of 2016, and expanded to include other mental health conditions such as Autism Spectrum Disorder and Selective Mutism. In addition, a new Pre-K STP was developed in the Little Haiti community of Miami at Thena Crowder Elementary School. The CCF Summer Reading Explorers Program, an intervention designed to improve literacy skills in young children, served 1659 children over the summer months. The CCF clinic served more than 350 children struggling with a variety of mental health conditions during the first half of FY 17.

The CCF continues to offer important training opportunities to faculty, students, staff, and community professionals. The 2016-2017 Speaker Series began in September 2016 with a workshop by the nationally recognized expert Pat Levitt, titled *"Brain Development and Public Policy: Translating What We Discover Into What They Do."* The six sessions held thus far have had a combined attendance of 241 individuals, with six more speakers scheduled for the remainder of the FY 17 season. Since the start of FY 17, the CCF online evidence-based training website, effectivechildtherapy.fiu.edu, has had 7,699 visits and 1,974 enrollments in workshops and keynote sessions.

During the first quarter of FY 17, CCF faculty obtained a new National Institute of Mental Health (NIMH R56) award with a one year value of \$713,466. Once future years are authorized, the total grant value will be \$3.59 million over five years. During the second quarter of FY 17, CCF faculty submitted eighteen proposals as PI and another four as Co-Investigators with the College of Engineering and Computing, the College of Public Health and Social Work, and the College of Medicine, together with the Department of Chemistry and Biochemistry under the College of Arts, Sciences & Education.

COGNITIVE NEUROSCIENCE AND IMAGING CENTER (CNIC)

Director: Dr. Angela Laird

The Center for Imaging Science (CIS) is a multidisciplinary research center housed in the FIU Office of Research and Economic Development (ORED). The CIS includes a research-dedicated facility for a 3T Siemens MAGNETOM Prisma magnetic resonance imaging (MRI) scanner, installed in August 2016. This Prisma MRI is equipped to run the Human Connectome Protocol which entails state-of-the art multiband data acquisition, advanced motion correction

(PROMO), echo planar imaging (EPI), distortion correction (EPIC), with ultra-fast data acquisition facilitating high angular resolution diffusion weighted imaging (HARDI) - in place of diffusion tensor imaging (DTI) - and high-resolution, sub-second repetition time (RT) EPI acquisition.

The CIS is currently acquiring data for three NIH-funded projects, including neuroimaging data for the *Adolescent Brain Cognitive Development (ABCD) Study* (PIs: Raul Gonzalez and Angela Laird) and the *Biosignatures for the Development of Attention Deficit Hyperactivity Disorder Study* (PIs: Paulo

Graziano and Anthony Dick), as well as collecting liver elastography data for the *Miami Adult Studies on HIV (MASH)*, PI Marianna Baum). In addition, the CIS is acquiring pilot data for the *Emotional Memory Unification (EMU) Study: Emotional learning during sleep in youth with and without anxiety symptoms* (PIs: Dana McMakin and Aaron Mattfeld). Faculty at the center expect to launch new projects in spring 2017.

The CIS Director Dr. Angela Laird (Physics) is leading the team along with the MRI Physicist and Director of Imaging Services Dr. Robert Laird (Physics), and Andrea Roman (ORED) as the Lead MRI Technician. Established in October 2016 to review all MRI research projects and policies, the CIS Steering Committee includes Drs. Malek Adjouadi (Electrical and Computing Engineering), Jorge Diaz (Biomedical Engineering), Raul Gonzalez (Psychology), Matthew Sutherland (Psychology), Sergio Gonzalez-Arias (Neuroscience, HWCOM) and Robert Zurita (ORED).

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4.2 Herbert Wertheim College of Medicine

FIU Board of Trustees
Health Affairs Committee
Herbert Wertheim College of Medicine Update
June 2, 2017
Page 1



FIU Herbert Wertheim College of Medicine Report to the Board of Trustees Health Affairs Committee June 2017

New Executive Associate Dean Named

Effective January 7, Sergio Gonzalez-Arias, M.D., Ph.D., chair of the Department of Neuroscience was named Executive Associate Dean of Clinical Affairs. Gonzalez-Arias, the former chief of neurological surgery at Baptist Hospital, now oversees all clinical functions at the College of Medicine including the students' clinical experience, all strategic partnerships with hospitals and other clinical sites where students perform their clinical rotations, and development of Graduate Medical Education.

Match Day/Graduation

HWCOM graduated its fifth class. Ninety-seven percent of the Class of 2017 matched into residency programs around the nation. Fifty-seven percent matched into residencies in primary care specialties. Of the 114 students in the class, 37 will continue their training in Florida, half of them in South Florida.

RISE- Recognizing the Inspirational Superior Effort

Recognizing that people are the most valuable resource of any organization, HWCOM launched RISE a program designed to recognize, motivate and reward outstanding performance of our administrative and staff employees. Employees are recognized in three categories. Teamwork, Service Excellence, and Extra Mile. All HWCOM employees or students can submit nominations. Twelve employees were announced as the inaugural RISE winners during the HWCOM 2016 holiday luncheon in December.

PhD in Biomedical Sciences

In December, Alexandra "Alexa" Rodzinski became the first student to earn a Ph.D. from the medical school. Rodzinski's research work earned her FIU University Graduate School Provost Award for Outstanding Paper. She was also named a WorldsAhead graduate.

For Your Health Television Show

HWCOM's half-hour television show aired in December on three local television stations: WPLG (Channel 10), WFOR (Channel 4), and My33.

Awards and Recognitions

Thomas Weppelman, a second-year medical student at Herbert Wertheim College of Medicine (HWCUM), has been named a 2017 Medical Scholar by the Infectious Diseases Society of America.

Cheryl Holder, M.D., assistant professor, Department of Humanities, Health, and Society received the FIU Medallion Cal Kovens Distinguished Community Service Award.

Rebecca Toonkel, M.D., assistant professor, Department of Humanities, Health, and Society, received a Faculty Award for Excellence in Teaching.

Ebony Whisenant, M.D., and **Luther Brewster, Ph.D.**, were named among the 2017 South Florida's Top Black Healthcare Professionals by Legacy Magazine, a news/business publication serving Florida's black professional community.

4.3 Robert Stempel College of Public Health and Social Work

FIU Board of Trustees
Health Affairs Committee
Robert Stempel College of Public Health and Social Work Update
June 2, 2017
Page 1



Report to the Board of Trustees Health Affairs Committee June 2017

The College sustains research leadership in South Florida and globally in health disparities and improving health equity, chronic diseases, health economics, healthy aging, and the population health consequences to environmental exposure. Recent achievements are as follow:

Research

In the second quarter of the FY 16/17 (October 1-December 31), the FIU Stempel College faculty were awarded a \$1.1 mil in new external grants and is currently administrating research projects totaling \$7.3 mil. In an effort to meet the College Research Strategic Plan and FIU *Beyond Possible 2020* Strategic Plan, Stempel College in last three months hired nine Post-Doctoral Fellows. Currently, a total of 31 Post Docs are supporting the research mission of Stempel as of 12/31/2016.

The Global Health Consortium (GHC) has a new home in Robert Stempel College of Public Health and Social Work. The Consortium is a leader in advancing treatments in world-wide emerging health issues. Dr. Carlos Espinal was hired as Director of GHC, and is now a faculty member at the Health Promotion and Disease Prevention Department in Stempel College. Various projects were already funded totaling \$95,000 to support mission of the Consortium. The awards support organizing conferences and workshops such as Health Access in Latin America, Antimicrobial Resistance in Latin America/Caribbean, Dengue Vaccine Guidelines. The Consortium is organizing the seventh International Conference on Global Health here at FIU in March 2017 which will be attended by global health academicians and clinicians as well as pharma industry and government officials.

Research Awards

Dr. Mariana Baum, Professor in Department of Dietetics & Nutrition, awarded \$1mil (2017-2022) to study "An unbiased OMIC's approach to identify mechanisms of cocaine regulation of the HIV reservoir." Dr. Baum has recently kicked off the opening of the new downtown clinic supported by the NIH grant (\$5.8 mil) to study HIV/AIDS and substance abuse in Miami.

Dr. P. Madhivana, Associate in Epidemiology Department successfully secured funds through a competitive renewal process for “Global Health Equity Scholars (GHES)” project with University of California, Berkeley/NIH. (07/01/2017-6/30/2022; Total Award: \$996K)

New Awards Secured. **Dr. M. Cooke**, Professor of Environmental and Occupational Health Department, and **Dr. S. Burke**, from School of Social Work successfully written grant applications on “Genomic Instability, Susceptibility to Oxidative Stress and Cellular Senescence”, NIEHS (04/01/2017-03/31/2019; Total Award: \$362K) and “Demographic Neuropsychological and Functional Classification, Risk Factors, and Progression Rates of Individuals in the National Alzheimer’s Coordinating Center Database Using Algorithmic Diagnosis”, Florida Department of Health (02/01/2017-01/31/2018; Total Award: \$100K)

Faculty Awards / Recognitions

Dr. Elena Bastida, Chair of Health Promotion and Disease Prevention in the School of Public Health, and **Dr. Miriam Potocky**, Professor in the Social Work, received 2016 William R. Jones Outstanding Mentor Awards from the McKnight Florida Education Fund. The William R. Jones Award is the highest honor awarded by the organization to those who help minority students. Drs. Bastida and Potocky received their awards at the Annual McKnight Doctoral Fellows Conference held in Tampa mid-November. Both faculty were nominated by doctoral students for their genuine concern for the well-being of students, and approachable and compassion understanding.

Students Awards / Recognitions

Raed Bahelah who graduated with a PHD degree in Epidemiology, has been recognized by President Rosenberg as Worlds Ahead Graduate during Fall 2016 Commencement. Growing up as the youngest of ten children in Yemen, Raed always knew he wanted to help others. With the encouragement of his mother and hardworking father, Raed followed this instinct. As a pediatrician in his native Yemen, Raed Bahelah saw hundreds of sick children. With a growing interest in public health, Raed came to FIU and, under the guidance of Professor Wasim Maziak, produced groundbreaking research – including releasing the first ever study on the early symptoms of nicotine dependence among hookah smokers.

Christyl Dawson, a PHD student in Epidemiology Department, was appointed as a Co-Chair of the Communications Committee, and Membership Ambassador with the Student Assembly of the American Public Health Association.

4.4 Nicole Wertheim College of Nursing and Health Sciences

FIU Board of Trustees
Health Affairs Committee
Nicole Wertheim College of Nursing and Health Sciences
June 2, 2017
Page 1



NICOLE WERTHEIM COLLEGE OF NURSING AND HEALTH SCIENCES **Report to the FIU Board of Trustees Health Affairs Committee** **June 2017**

Lettie Pate Whitehead Foundation Commits \$151,000 to FIU for Nursing Scholarships for Students in Accelerated BSN Programs

The Lettie Pate Whitehead Foundation recently committed \$151,000 for nursing scholarships for accelerated students attending FIU undergraduate nursing programs within the Nicole Wertheim College of Nursing and Health Sciences. The College has received more than \$550, 000 in scholarships from the Lettie Pate Whitehead Foundation within recent years. The group of students enrolling in the undergraduate programs have significant financial need for scholarship support in order to remain within the program and ensure their overall success. The scholarships provided through the Foundation will relieve some of the financial burdens of students within the undergraduate programs, as well as aide the NWCNHS in attaining its strategic goal of increasing student grant support by 25% in an effort to financially support students who aspire to change lives through caring at the bedside, leading in the classroom and the community and by discovering healthcare solutions through research.

NWCNHS Dean Wins 10th Book of the Year Award

Dr. Ora Strickland, Dean of Nicole Wertheim College of Nursing and Health Sciences, secured first place for the American Journal of Nursing (AJN) 2016 Book of the Year Award for her *Measurement in Nursing and Health Research, 5e* textbook, which she co-authored with Carolyn Waltz and Elizabeth Lenz. According to Doody's Medical Reviews, "this book is a wonderful shelf reference for nurse researcher mentors and investigators, who may need to explore content or use content to design, test, select, and evaluate instruments and methods used in measuring nurse concepts and outcomes." This award truly is an extraordinary achievement. Dr. Strickland's text won as the top book in the Nursing Research category. This is Dr. Strickland's 10th AJN Book of the Year Award. An AJN Book of the Year Award is the most prestigious award a nursing textbook can receive.

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