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# Louisiana State University Health Sciences Center- 2015- 141st Commencement

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# 141st Commencement May 14, 2015



# 141st Commencement May 14, 2015



The audience is requested to stand during the Academic Procession, the singing of the National Anthem, and the Benediction, and to remain in place until the Recessional has left the Arena.

The Academic Procession			
Chief MarshalMichael Levitzky, Ph.D. Professor of Physiology Director of Basic Science Curriculum, School of Medicine			
MusicBienville Brass Under the direction of Joseph Skillen			
Bearer of the MaceJoseph M. Moerschbaecher, III, Ph.D. Vice Chancellor for Academic Affairs Dean, School of Graduate Studies			
Procession of the Platform Party			
Faculty MarshalsAndrew Pellett, Ph.D.			
Department Head Associate Professor of Cardiopulmonary Science			
John Zamjahn, Ph.D., R.R.T. Associate Professor of Clinical Cardiopulmonary Sciences			
Procession of the Faculty			
Student MarshalsWilliam P. Newman, III, M.D. Professor of Pathology			
Betsy Giaimo Instructor of Physiology			
Procession of the Students			
Procession of the Candidates in Allied Health Professions			
Gonfalonier			
Master of Physician Assistant Studies Candidate			
Procession of the Candidates in Nursing			
Procession of the Candidates in Nursing Gonfalonier			
Bachelor of Science in Nursing Candidate			
Procession of the Candidates in Public Health			
GonfalonierSean Quinlan Cleary			
Master of Public Health Candidate			
Procession of the Candidates in Graduate Studies Gonfalonier			
Doctor of Philosophy Candidate			
Procession of the Candidates in Dentistry			
GonfalonierBrent Joseph Benoit			
Doctor of Dental Surgery Candidate			
Procession of the Candidates in Medicine			
Gonfalonier			
Doctor of Medicine Candidate			

The Commencement Ceremony

Opening ProclamationJoseph M. Moerschbaecher, III, Ph.D. Vice-Chancellor for Academic Affairs Dean, School of Graduate Studies			
National Anthem Whitney Olivia Allen Master of Public Health Candidate			
InvocationSamantha Joann Baker Doctor of Medicine Candidate			
Welcome and Opening RemarksLarry H. Hollier, M.D. Chancellor			
Introduction of Commencement SpeakerJ.M. Cairo, Ph.D. Dean, School of Allied Health Professions			
Commencement AddressDavid L. Callender, M.D., M.B.A., F.A.C.S. President of the University of Texas Medical Branch			
Presentation of the Honorary Degree to: C. Ronald Kahn, M.DLarry H. Hollier, M.D. Chancellor			
Conferring of Degrees			
Mr. Lee Mallett Member, LSU Board of Supervisors			
BenedictionDr. Elaine Carol Maggi Doctor of Philosophy			
Closing Proclamation			

The Recessional

National Anthem

O say can you see by the dawn's early light What so proudly we hailed at the twilight's last gleaming

> Whose broad stripes and bright stars Through the perilous fight

O'er the ramparts we watched Were so gallantly streaming

And the rocket's red glare The bombs bursting in air

Gave proof through the night That our flag was still there

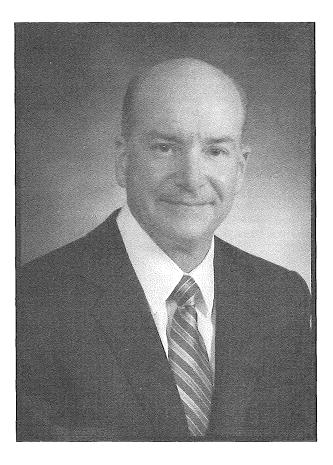
O say does that star-spangled banner yet wave O'er the land of the free and the home of the brave

Francis Scott 1

Appearance of a name in the Commencement program is presumptive evidence of graduation, but is not regarded as conclusive. The official Louisiana State University Health Sciences Center at New Orleans transcript, sealed and signed by the Registrar, is conclusive testimony of the student's academic record and possession of degree(s) awarded by this institution.

> Professional photographers will record each graduate as the diploma is presented and color portraits will be available for purchase, if desired.

Commencement Speaker



# David L. Callender, M.D., M.B.A., F.A.C.S.

President of the University of Texas Medical Branch Galveston, Texas

Commencement Speaker

Dr. David L. Callender has served as President of the University of Texas Medical Branch (UTMB Health) since 2007. He is a head and neck surgeon with expertise in head and neck cancers.

Under his leadership, UTMB Health is advancing significantly in all three of its mission areas: education, research and health care. Enrollment in UTMB Health's Schools of Medicine, Nursing, Health Professions and Graduate Biomedical Sciences has increased about 40 percent since 2008.

UTMB Health's clinical enterprise is growing dynamically to meet regional health care needs, with the acquisition of a 64-bed community hospital in Angleton, Texas in 2014, the addition of a new 39-bed inpatient facility in League City, Texas in 2015, and the opening of a new \$438 million hospital on the Galveston campus in early 2016.

UTMB Health's research component continues to emerge as a nationally- and internationally- recognized contributor to investigative breakthroughs and therapeutic developments. In 2014, the university's expertise in infectious diseases prominently positioned UTMB Health in the world-wide response to the Ebola Virus Disease outbreak in West Africa.

UTMB Health has experienced growing financial stability since 2009, despite \$1 billion in damage caused by Hurricane Ike in late 2008. Dr. Callender oversaw UTMB Health's recovery from Hurricane Ike, directing an unparalleled effort to harden and improve facilities and infrastructure to support the university's ambitious plans for the future.

Before assuming the presidency of UTMB Health, Dr. Callender served as Associate Vice Chancellor and Chief Executive Officer for the UCLA Hospital System from 2004 to 2007. He had previously served in several leadership roles at M.D. Anderson Cancer Center, culminating in his position as Executive Vice President and Chief Operating Officer from 2001 to 2004.

A native of Wichita Falls, Texas, Dr. Callender received his medical degree from and completed his residency at Baylor College of Medicine. He subsequently completed a fellowship in head and neck surgical oncology at M.D. Anderson. He also completed an MBA at the University of Houston. He is a Fellow of the American College of Surgeons.

Dr. Callender and his wife, Tonya, reside in Galveston. They have three children.

Honorary Degree Recipient

# C. Ronald Kahn, M.D.

Mary K. Iacocca Professor of Medicine at Harvard Medical School and Chief Academic Officer at Joslin Diabetes Center



Dr. C. Ronald Kahn was born and educated in Louisville, KY. After training in internal medicine at Washington University, he moved to the National Institutes of Health as a Clinical Associate (fellow) in the Endocrinology Branch. Over the next 11 years, Kahn rose to become the Head of the Section on Cellular and Molecular Physiology of the Diabetes Branch in NIDDK. In 1981, Kahn moved to Boston to become Research Director of the Joslin Diabetes Center and Associate Professor of Medicine at Harvard Medical School. In 1984, he became Professor of Medicine at Harvard and in 1986 was awarded the Mary K. Iacocca Professorship. From 2000 to 2007 Kahn served as President and Director of the Joslin Diabetes Center and is currently its Chief Academic Officer. Under his leadership, Joslin research grew more than 20-fold and clinical and educational activity tripled.

In addition to his research activity and leadership roles at Joslin, Kahn served as President of the American Society of Clinical Investigation, chaired multiple Keystone Symposia and the Hormone Action Gordon Conference, and served as member of the Medical Science Advisory Boards of the Juvenile Diabetes Research Foundation and American Diabetes Association. At the national level, he co-chaired the National Diabetes Advisory Board, was a member of the NIDDK Board of Scientific Counselors, and chaired of the Congressionally-mandated Diabetes Research Working Group (DRWG), which developed a diabetes research plan for the entire U.S.A. He also served as Chair of Class IV of the National Academy of Sciences (Medical Sciences) and has been on numerous editorial Boards, including a founding editor of Cell Metabolism. During this entire time and continuing to the present, Kahn's laboratory remains at the cutting edge of diabetes research.

In recognition of his research accomplishments, Dr. Kahn has received many honors. He is the recipient of the highest scientific honors of the American Diabetes Association (Eli Lilly Award and Banting Medal for Distinguished Scientific Achievement), the Juvenile Diabetes Foundation (David Rumbough Award), the Endocrine Society (Astwood Lecture and Conrad Koch Award for Distinguished Research); the International Diabetes Federation (Cristobal Diaz Award); the European Association for the Study of Diabetes (the Claude Bernard Medal); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Pediatric Endocrine Society (Lawson Wilkins Award); the British Society for Endocrinology (Dale Medal); Prize, Novo Nordisk Foundation; as well as awards given broadly in the field of biomedical research including the Allyn B. Taylor International Prize in Medicine of Canada; the Steven C. Beering Award for Advancement of Biomedical Science from Indiana University; the Outstanding Young Investigator Award of American Federation for Clinical Research; and the Hamdan Award for Medical Research Excellence from the United Arab Emirates. Most recently, Dr. Kahn was named the first recipient of the Manpei Suzuki International Prize for Diabetes, a prize which recognizes a single individual as the leading researcher in the field of diabetes worldwide.

Kahn has been elected to the National Academy of Sciences and the Institute of Medicine; the American Academy of Arts and Sciences; and is an Honorary Member of the British Society for Endocrinology. Kahn has been identified as one of the Most-Cited Scientists site and "most highly influential scientists and scholars" by The Scientist magazine and ISI. He has given many prestigious honorary lectureships and has been awarded honorary degrees from the the Université de Paris Pierre et Marie Curie, the University of Geneva, Washington University in St. Louis, Beijing University, the University of Copenhagen, and the University of Louisville. In addition, Dr. Kahn has trained over 150 fellows and doctoral students, many of whom are now leading researchers and academicians at institutions throughout the world.

Candidates for Degrees

# School of Allied Health Professions

Presented by J.M. Cairo, Ph.D., Dean

#### BACHELOR OF SCIENCE

# CARDIOPULMONARY SCIENCE

Kyle Richard Arriaga Albert Chee Michelle Lynn Garza Jami Lee Hensley Kari Lynn Hunt Alexandra Elizabeth Igleharte Hristina Koleva Mavis Evelyn Larrimer April Michelle Little Anh Que Ngo Quynh Thi Ngoc Nguyen Blanca Alicia Ortiz Christine Marie Pellissier Caitlin Cherise Simon Catherine Camille Sistrunk Dionne Stewart Allyson Joy Thomas

# MEDICAL TECHNOLOGY

Alexandra Mikail Alberes Benjamin Dean Anderson Brooke Lynne Bourgeois Andrew Michael Bulot Joyce Muller Burt Danny Hoang Cao Luke Jarred Caruso Geoffrey Leyden Chapman Phillip Desmond Coates Riche Bernabe Dayot Angela Marie de la Rocha Kari Ellen Estep Falynn Gabrielle Florane Natalie Martin Gill Elizabeth Louise Kroll Paul Thanh Le Queen Kim Le Darrell Lawrence Lucus Pedro Luis Mancilla Glenn Elliott Martin, Jr. Kelly Erin Mashburn Britton Jennifer Sims Melody Dianne Tarro Rachel Joaen Tauzier Josie René Thomas

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# MASTER OF COMMUNICATION DISORDERS

Gabrielle Renée Becnel Aynsley Camille Brian Carol Ann Bryant Callan Jane Burzynski\*†† Ashley Marie Degelos Olivia Lynn Eusea Brittany Kaleher Garay Victoria Ann Gilberti Melissa Lorena Gutierrez Bianca Lana Havel Brittani Lynn Holland†† Rachel LeCompte McDonald††

Natalie Anne Moneit\*†† Michelle Marie Neumann Molly Elizabeth O'Dowd Laura Ann Rabito Blair Ann Ridgley Haley Elizabeth Schmitt Caitlin Aptaker Scott\*†† Adair Mary Vulevich†† Blaire Alexis Whitaker Sarah Sturdivant Williams

#### MASTER OF OCCUPATIONAL THERAPY

Meredith Elaine Allen Stephanie Jacquelyn Allen Adrienne Chapman Borchardt\* John Wesley Brogdon, III Courtney Elizabeth Cavalier Katherine Anita Cooper Heidi Danielle Daigle Mary Elizabeth Donovan Jamie Long Estess Erin Alyce Gandy Stephanie de la Concepción Hartel Timothy Atwood Hayden Kelly Callaway Hooks Elizabeth Loker Hughs Nancy Love Troy Michael Mire Brandy Marie Monnin Amy Lynn Mouledous Kristen Nicole Myers Ashley Alzaria Perry John Michael Porter Rachel Claire Rivet Anita Caitlin Rogers Rebecca Ann Russo Amy Lawrence Scott Alexa Renee Thibodeaux Kayla Elizabeth Tibaldo Daniel Paul Waller

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# MASTER OF PHYSICIAN ASSISTANT STUDIES

Logan Locke Bownds Casie Marie Courrege Amber Lyn Delamore Marissa Helen Diaz Tarin Anne Doubt Victoria Mary Katherine English Megan Lee Forest Sarah Elizabeth Freiberg Lindsey Anne Guercio Melissa Graci Hammerli Erica Lynne Hargis Lauren Catherine Johns Jamie Lynn Juckett Christina Leonard Landreneau Chip Joseph Landry Felicia Danielle Lindsey Heidi Ann Luke Michelle Christine Malzahn Justin Russell Mercer Heena Mohammed Patel Randi Nicole Rasberry Brooke Elizabeth Richard Kristina Marie Salassi Caroline Rebecca Smith Bridget Lois Sullivan Nichole Ann Tayeh Lien Bich Trinh Katherine Anne Tucker Katherine Elizabeth Ward

# MASTER OF HEALTH SCIENCES

Vanessa Starr Batiste-Leal Jordan Alexander Frankel Chloe' Nicole Freeman Jessica Lauren Kirkland Jessica Louise Maxwell Alex Catherine Kain Prince Annie Anne Simon Clinical Rehabilitation and Counseling Clinical Rehabilitation and Counseling

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

# DOCTOR OF AUDIOLOGY

Katharine Lynn Buckley Meredith Poynot Budgeon Lauren Stiles Cassara Allison Elizabeth Clark Jaclyn Kaye Craft Brandi Leigh Greenhouse Meredith Anne Hobgood Gregory Alan Kettelhake Brandi Lee McGraw Danielle Dionne Mercer Jennifer Paige Montgomery

## DOCTOR OF PHYSICAL THERAPY

Sarah Jean Valley Allen\*† Ryan Anthony Bermudez Ashlen Brianne Bissell Joshua Patrick Bryant **Emily Renee Buras** Caroline Merritt Crawford Adam James Ducoing Kaitlin Mary Foley Tyler John Folse Ioel Samuel Gonzalez Alan Guillermo Gutierrez Brett Michael Hernandez Lynleigh Alyce Hughes Stephen Whitney Jackson Camille Victoria Kennedy Erin Margaret Kennedy Amy Sydboten Kidd

Lisa Anne Knecht Brian Vincent Labruzzo Jessica Chaffie Jenkins Launey Casey Lane LeJeune Maci Andrea Mortillaro Caitlin Jane Naquin Stefan James Norris Brody McFerrin Patton Kelly Alternus Quebedeaux Katie Lynn Reboul Nicholas Leslie Roger Lauren Ainsworth Stone Jennifer Whatley Vaughn Stephanie Marie Veade Maryann Marie Vicari Ashlee Fritscher York

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# School of Nursing

Presented by Demetrius Porche, D.N.S., Dean

#### BACHELOR OF SCIENCE IN NURSING

Lisa Kristin Abad\*† Iennifer Ann Abbrecht Heather Brooke Adams\*<sup>††</sup> Alyssa Marie Alexander Alvsia Ann Ali\*†† Marissa Elizabeth Alvero\*†† Abigail Beth Armstrong Dzifa Mona Avotri\*†† Allison Lee Ayers\*†† Tessa Demola Avme\*†† Gordon Charles Bahan Sarah Elizabeth Baillie Hannah Kathryn Bancroft\*†† Gina Pierre Baron-Hyppolite Brittany Nicole Barousse\*<sup>††</sup> Anna Polachova Bates Kanwaldeep Kaur Bennett\*†† Danielle Faith Bentrup\*† Brianne Elizabeth Bergeron\*†† Ander Michelle Boggs Paul Michael Boring Brett Hughes Bourque Alexandra Kathryn Breland Kathleen Elizabeth Brown\*† Kathleen Elizabeth Brown **Richard Ronald Bryant** Britney Alicia Buggage\*†† Megan Welch Bunch\*†† Brennan Anthony Butler Emily Claire Caillet\*† Casey Lynn Calante\*†† Emily Lauren Callegari Raven Camp\*†† Gabriella Maria Cane Christina Marie Carollo\*<sup>††</sup> Thimeka RaShelle Carr Angeline Ines Carrillo Irving Jude Cartagena Anne Marie Cerniglia\*††

Lauren Clark Chutz Katelyn Marie Clark Shamica Monique Clark-Solivan\*†† Katie Amelie Clement\*†† Sarah Jean Clement\*†† Ana Lourdes Coutin Ionathan Lee Cox\*†† Annette Hindman Covle\*† Monica Ruby Cross Raven Symone Culpepper Emily Kate Daigrepont Elizabeth Ngoc Han Dao Michael Emile Darmas Marissa Claire Darr\*†† Ciara Renee Deaton Amy Elizabeth Delahoussaye Alexis Christine DeLaneuville\*†† Devyn Ann DeLaney Kayla Marie Veron DeLaughter Jessica Dupont Deshotel\*† Rachel Grace deVlugt Amy Elizabeth Donegan Brittny Marie Donovan\*†† Erica Marie Dorsey Katherine Amanda Doucet\*†† Heather lean Dow Amber Nicole Doyle Kelsev Marie Driscoll\*†† Madeline Baav Dubas\*†† Madeleine Aimee Ducoing Wanda Pierce Ducre\*†† Britney Marie Duplechain\*†† Juanita Maria Early John Byrd Easterly\*†† Erica Nicole Edwards\*† Leland Michelle Emery\*†† Sharee Victoria Encalade\*†† Morgan Victoria Englert Adam Tyler Estopinal

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

Michelle Harris Fabre\*†† Ion Harmon Fager Bridget Lynn Faucheux\*<sup>††</sup> Kristen lov Feller Andrea White Ferrage Courtney Danielle Finnegan\*†† Candice Brown Garrison Britney Lynn Gauthreaux\*† Brandi Lynn Gill\*†† Mattie Jones Girod\*†† Aaron Jeffrey Gloth\* Kerri Ann Glover\*† Jessica Lynn Granier\*†† Brittany Lynn Guerra\*† Lori Ann Guidry\*†† Kayla Layne Hahn Priscilla Terrase Halloran Jennifer Leah Harding\*†† William Benton Harper Darrian DeWayne Harris Jena Elizabeth Hartley\*†† Stephanie Marie Hatcher\*† Brittany Marie Hebert\*†† Chelsea Regan Heffker Noelle Christine Henderson\*†† Samantha Jean Howard\*†† Sarah Elizabeth Hunsucker\*†† Kelsey Sara Irion Brittany Lynn Jacobs Qin Jiang\*†† Alexandra Lea Johnson Allison Hall Johnson JoAnn Alexander Johnson\*†† Arin Michelle Jones<sup>†\*†</sup> Kellie Elizabeth Jones Kalicia Fields Joseph\*† Cami Lyn Julien Sarah Renee Kelly Amanda Joy Knight Natasha Antionette Knight\*†† Tyler Robert Koelling Katherine Elizabeth Kuntz\*† Jennifer Lynn Laine\*††

Kirby Caroline Lake Heather Nicole Lamb\*† Casey Rene' Lambert\*†† Tesslyn Brittney Land Demi Gabrielle Landry\*†† Mary Anne Landry Mary Hannah Latham\*†† Pamela Anne Lazas\*† Jennifer Le\*† Allison Adams LeCoq\*† Chandler Victoria Lee\*†† Jessica Kim Lee\*†† Lauren Elizabeth Leiva Wai Hong Lem Akeisha Annette Lewis\*† Madalyn Maria Loetzerich Brittany Nicole Loupe Kaylee Ann Lowery Christina Russell Lovd\*†† Kristy Lynn Macklin\* Meghan Marie Maestri Nicolette Maria Magallanes Lacey Nicole Manning\*<sup>††</sup> Kaylyn Kay Mansfield\*†† Kevin Alan Marcus Chloe Elizabeth Martin\*†† Kyra De'onna Martin Madeleine Marie Martinez Maria Christine Maskas Rachel Ryals Maxwell Mary Catherine Mayronne\*†† Jason Michael McAlister\*†† Jennifer Kent McCoy\*† Cristin Elise McCurley\*<sup>††</sup> Caitlin Clare McGinness Landis Niernberger McMahon Amanda Sutton Meche\*†† Jill Darnell Miller\*†† Lindsay Renee' Monroe\*†† Whitney Lynn Monroe\*†† Courtney Elaine Morgan Kaitlyn Elizabeth Moser\*†† Norma Katherine Mourra

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

Evah Wangari Mulamula\*†† Elena Marie Naylon\*†† Donyille Ashley Newberry\*†† Hannah Ngoc Ngo Anthony Minh Nguyen\*†† Peter Dang Khoa Nguyen\*†† Shelby Michelle Nunez Caitlin Elizabeth Ordoyne\*†† Angela Gonzales Orr\*† Nathalie Dianne Orrego Richard Gallmann Orser\*<sup>††</sup> Ioseph Scott Paradis Jacquelyn Marie Pecquet\* ++ Serena Francine Pentney\*†† Rachel Etilma Perdomo-Washington Fallon Donique Perriera\*†† Kailev Sueretta Persson Giselle Marie Peterson\*†† Amber Lynn Picou Alexis Christina Pineda Leigh Anna Pollet Brandi Alasha Ramagos\*++ John Ross Ramirez\*†† Merlin Anthony Ramsey, Sr. Amy Irene Randazzo Sharel Dianna Randolph Wendy Redmond Rasmussen\*† Michelle Elizabeth Rau Lauren Caroline Rawdon Dionne Janiece Raymond\*†† Matthew Perry Reese Lauren Michelle Rettig Robyn Raguel Ricciotti Kelli Marie Richard Shantell Christian Richardson\*†† Anne Shannon Rivas\*†† Lauren Earles Rogers\*†† Jason Vaughn Roland\*†† Nicholas Ouenton Ross\*†† Darnell DeCou Rousell\*<sup>†</sup> **Jinger Anne Roy** Katelyn Jude Ryan\*†† Megan Elizabeth Ryan\*†† William Joseph Schahn

Allison Paige Scheinuk Lauren Elise Schell\*++ Joni Lynn Schexnaydre Bonnie Ethelyn Schiffman Caroline Julia Schmidt Christina Elizabeth Schneider Kathleen Virginia Scott\*†† Tiffany Nicole Seals\*† Yezenia Ivette Serrano\*†† Sarah Elizabeth Sheasby Sophie Barrett Shepherd\*†† Korie Mendoza Sims\*† Cantrice Shanell Smith\*<sup>††</sup> Julianne Marie Soileau Nicole Marie St. Romain Coriena Maria Staples\*<sup>††</sup> Caroline Ann Stewart Jennifer Hargrove Taylor\*† Nicole DeJean Taylor\*†† Holly Lucille Tomasello\*†† Kristina Elizabeth Trahan Lindsev Amanda Truax Elizabeth Steele Tye Monique Vargas\*†† Cheleisa Hynard Vicks\*† Gabriella Helen Vince Iulie Van Vo Kim Thuy Vu Trinh Jamie Vu\*†† Marta Sandoval Wallace\*†† Angela Marie Washington\*† Megan Elise Washington\*<sup>††</sup> Melissa Baughman Welch\*<sup>††</sup> Gabrielle Marie Weyer Lauren Elizabeth Whipple\*++ Allison Howson Willem Shae Antoinette Williams Stephanie Elizabeth Wolff\*<sup>††</sup> Celeste Kay Woodard\*†† Melissa JoJean Woolridge\*†† Anne Elizabeth Wright Eve Helen Youngberg Gemma Maria-Lourdes Yumul\*†† Hannah Elise Zeringue\*††

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# MASTER OF SCIENCE IN NURSING

Karen Wiley Humphrey\*† Dawn McQuilliam McKeown\*††

# MASTER OF NURSING

Cynthia Ravencraft Armstrong\*<sup>††</sup> Brittany Navo Badinger Iudith Marie Baker Jessica Mayer Baudier Christine Rodriguez Bialas Shanna Alayne Black Catherine Knoll Blouin Kayley Kalil Bodine Nicole Courouleau Bordelon\*†† Lisa Marie Brewer Amanda Tindell Britton Robin Rhinehart Brodnax Brandon Chase Brown Meghan Lynn Burns Jessica Whitney Butts Kimberly Lynne Camp Nathaly Kaye Carrion Richard Celestine, Ir. Chase Mathew Chiasson Kendall Jakob Connick Epris Pittman Cooper Ashley Jakob Cusimano Erin Dianne Diamond\*†† Ramee Michelle Dickerson Joseph Lucas DiLeo, III Trishana Marie Ducros Florencia Moreno Espinal Callie Michele Estes Taylor Mark Faul Stephani Marie Frost Sequilla Crawford Gant\*<sup>††</sup> Shivas Prabhaker Gilotra

Nurse Educator Nurse Educator

Nursing Administration Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia Nurse Anesthesia Nurse Anesthesia Nursing Administration Primary Care Family Nurse Practitioner Neonatal Nurse Practitioner Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nursing Administration Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia Nursing Administration Primary Care Family Nurse Practitioner

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

Adrienne Adams Goodwin Kelly Marie Green Mitchell Clavt Handrich Margaret Elizabeth Hoppenstedt Christy Crippin Huerstel Terran Hale Johnson Alyce Puderer Johnston Katherine Greer Krail Lori Lynn Lampard Beau James Leonard Lori Pharr Lewis Barrett lav Littell Eleanor Barker Lomzenski Corev Garrod Luke Ianis Lea Malaki Mia Ann Manguno Bryce Bahry Mansfield Matthew Gerard Martin Alyssa Mary Matherne Megan Diane McNemar\*†† Stephanie Kelly Miller Virginia Maria Mistretta Jesse Spann Naquin Brooke Quillens Naranjo Amy Maria Navas Karen Fortenberry Nunnery Nicquolette Sanders Parker\*<sup>††</sup> **Richard Lee Payne** Amber Randazzo Peskin\*†† Patricia Carimi Poolson\*†† **Rachel Leigh Poolson** Therese Talbot Reckert Elise Christine Reeves Derek Alan Sadler Cori Evans Schuler Erin Leigh Shriner Elise Marie Simonian Kara Suhrke Simpson Donny Thomas Small, Jr. Dustin Dale Spell Nichole Crowell Staab

Nurse Anesthesia Nurse Anesthesia Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Nursing Administration Primary Care Family Nurse Practitioner Neonatal Nurse Practitioner Nurse Anesthesia Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Neonatal Nurse Practitioner Nursing Administration Nurse Anesthesia Adult Gerontology Clinical Nurse Specialist Nursing Administration Nurse Anesthesia Primary Care Family Nurse Practitioner Nurse Anesthesia Nurse Anesthesia

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

Blake Thomas Stagni Jennifer Lauren Stapleton Kelly Smith Thibodeaux Cheryl Andras Thomas Toby Wilkinson Tournillon\*†† Olivia Haddad Walker Jonathan Easton White Sandra Ann Wilder\*†† Michael David Zemke, Jr. Nurse Anesthesia Nurse Anesthesia Primary Care Family Nurse Practitioner Primary Care Family Nurse Practitioner Adult Gerontology Clinical Nurse Specialist Primary Care Family Nurse Practitioner Nurse Anesthesia Adult Gerontology Clinical Nurse Specialist Nurse Anesthesia

# DOCTOR OF NURSING PRACTICE

Henry Ying Au\*†† Raymond James Devlin III\*†† Paula Ann Kensler\*†† Colleen Brahney Lemoine\*†† Clair Petit Millet\*†† Nancy Morris Minyard\*†† Derrick Bernard O'Neal\*††

# DOCTOR OF NURSING SCIENCE

Jolie Estopinal Harris Major Professor: Dr. Denise Danna Dissertation: The Constructs of Culture Change: A Secondary Data Analysis and Comparison in a Sample of Louisiana Nursing Homes

#### Jennifer Moody Manning\*††

Major Professor: Dr. Denise Danna

Dissertation: The Influence of Nurse Manager Leadership Style on the Perception of Staff Nurse Structural Empowerment, Work Engagement and Intent to Stay in Acute care Hospitals

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# School of Public Health

Presented by Richard A. Culbertson, Ph.D., Interim Dean

#### MASTER OF SCIENCE

Sonika Sharma

Rui Wang\*†

# MASTER OF PUBLIC HEALTH

Whitney Allen††	Charlotte Metzger
Kristen Andrus*††	Daniel Ryan Miller*†
Christine Marie Breland	Max James Miller*
Komal Camille Brown	Le-Hane Michelle Nunez
Tap Thanh Bui	Nicholas Howard Payne
Amanda Reilly Carruth*††	Christina Marie Pitre
Sean Quinlan Cleary	Anthony Christopher Ray*
Precious Comeaux†	Nabil Rayeed*††
Megan Jill Dupuis*††	Anna Lynn Dunne Reilly*
Mary Elise Fox	Lindsey Savanna Rudov
Lauren Amber Griffiths	Elfreda Samman††
Kaitlin Elizabeth Hanken	Sarita Sharma*†
Meaghan Nicole Hendricks††	Rabina Shrestha
Katherine Leigh Howe	Meg Katharine Skizim
Krista Nicole Hubschman*	William Hanson St. Martin
Blair Frances Huth	Lindsay Kay Sween
Eric Joel Knott	Kendal Jamal Thomas
Ayotunde Olaoluwa Kuku	Quinette Marie Thomas
Ashley Landry*††	Nneka Janet Uwaemelu
Erin Elizabeth Meeks Leonard*††	Sara Elizabeth Winkler
Yiyao Li*	

## DOCTOR OF PHILOSOPHY

Lauren Elizabeth Cole Department: Epidemiology Major Professor: Dr. Edward Peters Dissertation: The Role of Environmental and Genetic Factors on Alcohol use Disorders

Claudia Leonardi†

Department: Biostatistics Major Professor: Dr. Evrim Oral Dissertation: A Two-Stage Randomized Response Technique for Surveying Sensitive Topics

\* In Absentia

† Degree conferral August 9, 2014

Elizabeth Gouaux Levitzky

Department: Epidemiology Major Professor: Dr. Edward Trapido

Dissertation: Patterns of Malignant Mesothelioma in the United States

#### Yuan Zhou\*

Department: Biostatistics

Major Professor: Dr. Donald Mercante

Dissertation: Crossover Adaptive Sequential Parallel Comparison Design to Reduce Bias and Improve Power for Testing Treatment Effects in Clinical Trial

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# School of Graduate Studies

Presented by Joseph M. Moerschbaecher, III, Ph.D., Dean

#### MASTER OF SCIENCE

Brittni Bella Baynes\*†† Department: Biomedical Sciences Major Professor: Dr. Nicholas Gilpin

Elia Caesar El Hajj\* Department: Biomedical Sciences Major Professor: Dr. Jason Gardner

## DOCTOR OF PHILOSOPHY

Surjyadipta Bhattacharjee Department: Neuroscience Major Professor: Dr. Walter Lukiw Dissertation: MicroRNA Mediated Disease Signaling in Neural and Retinal Degeneration

Brendan Ross Burn Department: Pharmacology & Experimental Therapeutics Major Professor: Dr. Kurt Varner Dissertation: Cardiac Effects of Environmentally Persistent Free Radical Inhalation on Ischemic Heart Disease

#### Neha Dalmia\*†

Department: Microbiology, Immunology & Parasitology Major Professor: Dr. Alistair Ramsay Dissertation: Evaluation of DNA-Launched Alphavirus Replicons as Immunogens against M. Tuberculosis Infection

John Schweppe DePaolo Department: Genetics Major Professor: Dr. Wanguo Liu Dissertation: The Role of ARD1-Mediated AR Acetylation in Prostate Tumorigenesis

Travis Matthew Doggett<sup>††</sup> Department: Physiology Major Professor: Dr. Jerome Breslin Dissertation: Molecular Mechanisms Involved in Acute Alcohol Intoxication-Induced Microvascular Hyperpermeability

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

Sung-Ha Hong Department: Neuroscience Major Professor: Dr. Nicolas Bazan

Dissertation: A Novel Therapeutic Strategy for Experimental Stroke with Docosahexaenoic Acid

Fokhrul Md. Monowar Hossain

Department: Biochemistry & Molecular Biology

Major Professor: Dr. Augusto Ochoa

Dissertation: Metabolism of Myeloid-Derived Suppressor Cells: A New Therapeutic Target for Cancer Treatment

# Myles Julian Ketchum

Department: Pharmacology & Experimental Therapeutics Major Professor: Dr. Peter Winsauer

Dissertation: Hippocampal Activity and Effects of Ethanol during the Acquisition and Performance Response Sequences

#### Greg In Lee\*†

Department: Pharmacology & Experimental Therapeutics Major Professor: Dr. Stephania Cormier Dissertation: Environmentally Persistent Free Radicals and Influenza: A Double Whammy for Infants

## Jing Liu\*†

Department: Biochemistry & Molecular Biology Major Professor: Dr. David Worthylake Dissertation: Biophysical Studies of Human Scaffold IQGAP1 N-Terminus

### Elaine Carol Maggi

Department: Genetics Major Professor: Dr. Judy Crabtree Dissertation: Role of Aberrant RBP2 Expression in Neuroendocrine Tumors

Valarie Elaine McMurtry

Department:Microbiology, Immunology, & Parasitology Major Professor: Dr. Michael Ferris Dissertation: The Effect of Necrotizing Enterocolitis on the Gut Microbiota of Premature Infants

#### \* In Absentia

† Degree conferral August 9, 2014

Miguel Federico Molina\*†

Department: Neuroscience

Major Professor: Dr. Nicolas Bazan

Dissertation: Neurodegradation and Pathological Aging: Systemic Inflammation, Microglia, and Excitotoxicity- A Current Analysis

Felix Joseph Nau, Jr.

Department: Pharmacology & Experimental Therapeutics Major Professor: Dr. Charles Nichols

Dissertation: Serotonin 5-HT2 Receptor Agonism Represents a Novel Therapeutic Strategy for Inflammation and Asthma

#### Ji Won Park

Department: Pharmacology & Experimental Therapeutics

Major Professor: Dr. Wayne Backes

Dissertation: Microdomain Localization of Cytochrome P450 System Components in the Endoplasmic Reticulum

#### Kun Qian†

Department: Neuroscience

Major Professor: Dr. Carmen Canavier

Dissertation: Mathematical Analysis of Depolarization Block in Midbrain Dopaminergic Neurons

#### Patrick Lane Raber\*††

Department: Microbiology, Immunology & Parasitology

Major Professor: Dr. Paulo Rodriguez

Dissertation: Differential Mechanisms of Suppression by Subsets of Tumor Infiltrating Myeloid-Derived Suppressor Cells and their Surprising Potential to Enhance T Cell Immunology

<sup>\*</sup> In Absentia

<sup>†</sup> Degree conferral August 9, 2014

<sup>††</sup> Degree conferral December 11, 2014

Candidates for Degrees

Michael Joseph Ripple\*†

Department: Genetics

Major Professor: Dr. Luis Del Valle

Dissertation: Modulation of Wnt Pathway Target Gene Expression by JC Virus T-Antigen in Colon Cancer

Jyothi Vijayaraghavan

Department: Genetics

Major Professor: Dr. Judy Crabtree

Dissertation: MicroRNA-Mediated Regulation of Adaptive Beta Cell Mass Expansion

#### Manqi Wang†

Department: Neuroscience Major Professor: Dr. Matthew Whim Dissertation: The Role of Neuropeptide Y in Sympathoadrenal Plasticity and the Response to Stress

Peter Fletcher Weed

Department: Pharmacology & Experimental Therapeutics Major Professor: Dr. Peter Winsauer

Dissertation: Effects of Chronic THC during Adolescence on Adult Repeated Acquisition and Performance Behavior, Tolerance, and CB1 Receptor Expression in Male and Female Rats

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# School of Dentistry

Presented by Henry A. Gremillion, D.D.S., M.A.G.D., Dean

#### Associate of Science

# DENTAL LABORATORY TECHNOLOGY

Lea Renee Boudreaux Kelsey Laraine Creel Dat Thinh Hoang Huyen-Tram Selena Nguyen Kenneth Dat Nguyen† Paul Van Nguyen William Collin Seale Hong-Bich Thi Tran Richard Heber Zwez, Jr.

# BACHELOR OF SCIENCE

# DENTAL HYGIENE

Liana Nicole Blanchard Sierra Ashland Bonds Kayla Elizabeth Bourgeois Ioanna Lea Sanders Boutwell Lauren Ashley Breaux Amber Cheri' Cardinale Taylor Michelle Detillier Lauren Elizabeth Dressel Ashlev Brett Frev Molly Elizabeth Glennon Jessica Gwin Guidry Shelby Lynne Guidry Rikki Lynn Marie Heitmeier Allison Rachel Hood Chelsea Lynette Hughes Carly Denise Jordan Alesha Nicole Kratzer Leah Marie Lapoint Megan Rae LeBlanc

Hillary Paige L'Hoste Molly Rose Lonergan Alexa Brooke MacLean Alyssa Lynn Markham Melanie Renae Martin Rebecca Claire Mitchell Hannah Xuan Nguyen **Jeanne Samantha Nobles** Katelyn Maria Ory Catherine Ann Pedeaux Courtney Elizabeth Quin lade Elaine Rushing Yasmin Areli Sarmiento Kelsie Marie Scheuermann Keidra Deshawn Scott Kashia Marie Vice Haley Elizabeth Weaver Danielle Elizabeth Woessner

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

# DOCTOR OF DENTAL SURGERY

Kathleen Margaret Adley Kevin Charles Astugue Ashley Moffett Azevedo Ala Bassam Barakat Benjamin Blake Bell Yolanda Catrice Bell Brent Joseph Benoit Lauren Ann Berg Geoffrey Matthew Bird Maurice Marcus Bostick Emeric Rene DeNux Boudreaux Ariel Marie Brown Charlene Rashan Brown Wesley David Buchman Ryan Jameson Buller Brittaney Nicole Burke Elizabeth Ann Crapanzano-Perez Jacob Ryan Diebold Kim Thuy Thi Dinh Jason Ross Duke Justin Derek Elfert\*† Christy Stasney Forsyth Sarah Marie George Shira Renee Glazer Morgan Kathryn Habetz Lauren Ruth Hayden Lara Brooke Henderson Deborah Pui Ho **Emily Ann Hodges** Erin Sauzer Hymel Melissa Lyn Jackson Marcela Liliana Jolivette

Zachary Leithman Karam Andy Minh Le Matthew Steven Leftwich John Phillip Lewis, III Christy Elizabeth Marcello Iulio Cesar Marin, Ir. Andrew Philip Megison Linh Thi Thuy Ngo Michele Ly Nguyen Jamie Jin-Kyung Park Swati Anil Patel Rebecca Mary Elizabeth Payne Mary Webster Rachal Adrienne Adele Reviere Mindi Ieneé Roberson Andrew Richard Robertson Douglas Anthony Rodrigue Katherine Lynn Rothermel Thomas Walker Sammons Christopher Bryan Savoy Jeffrey Matthew Schott Jacob Lawrence Seiter Sumei Zhong Sharma Caroline Rae Sikes Megan Alyse Tanner Duven-Anh Tran Jefferson Tyler Twomley Rekha Gupta Wadhwa Benjamin Clark White Jessica Lynette Whiteside Kathlene Jadlelyn Zuniga

\* In Absentia

† Degree conferral August 9, 2014

Candidates for Degrees

School of Medicine Presented by Steve Nelson, M.D., Dean

## DOCTOR OF MEDICINE

Mason Gabriel Adams Lauren Loretta Albert Noor Basharat Ali David Wheeler Allain Timur Nuri Alptunaer Matthew William Auten Ross Anthony Avant Mohamed-Alv Reda Bakeer Samantha Ioann Baker **James** Gregg Barrios **Ronald Matthias Beaulieu** Marisa Bahia Belaidi **Baret Thomas Bercier** Drew Cody Bienvenu Audrey Elizabeth Billeaud Alexandra Maclean Blanche Matthew John Bolton Brittany Leigh Bond Christopher Antoine Boustany Allen Thanh Bui Maggie Welman Butler Brian Todd Callihan Jeffrey Paul Cardinale Kyle Francis Champagne Michael James Collins Conor Coogan Bryan Andrew Cothren Derrick Joseph Courville Courtney Mumphrey Cox Madeline Everett Cozad Tyler Wayne Crosby Luke George Cvitanovic\*† Chandni Dargan Jon Scott Decuir, Jr. Matthew John Delcambre Darryl George DeMaris Katie Ann Dennis

Anna Christine DiCarlo Michael Paul Dicharry Ion Christian Dietrich\*†† Mary Ann Difranco Iulie Angela Doan Brandi Renee Dautreuil Ducote Brandi Boudreaux Duet Daniel James Edwards Ryan John Edwards Celine McConville Elson Monica Kenney Ertel Flor Elizabeth Espinoza John Leo Faciane Ionathan Norwood Finnev Alexander Ioseph Fontenot Philip Benjamin Fontenot Gerald Lee Foret Corey Anne Fredericks\* Sarah Smart Gay Frischhertz Katelyn Ann Fusilier Joseph Delery Giaimo Stephen Christopher Giepert Ashley Devon Giglia Stephanie Michele Graebert Kristen Elizabeth Gurtner Bennett Windham Hailev Anasheh Halabi Samuel Ralph Herman Chad Anthony Hille Mary Elizabeth Holzer Catherine Tridico Hudson Michael Kyle Hughes Lewis Maceo Hunt-Irving Lori Elizabeth Hutcherson Ashlev Gene Ingolia Mohammed Said Ismail Peter William Joslyn

- \* In Absentia
- † Degree conferral August 9, 2014

Candidates for Degrees

Sheena Marie Kaiser Ronak Ramakant Kedia Rachel Elizabeth Kelt Bavana Ketha Faiza Mukhtar Khan Patrick Yong Kim Lauren Waters Knapp Ellis Paul Landreneau Jace Philip Landry Mateusz Andrzej Lapucha Iulieta Lasala Christopher Albert Latour **Jennifer** Lynn Lavie Caroline Elizabeth Lee Madeline Paige Lemoine David Brian Lewis Sarah Marian Lillis Alden Drackett Cutrone Littlewood Kevin Yichen Liu Jeanne Abraham Lunz\*†† Timothy John Machen Holly Victoria Martin Tasha Aileen Martin Trae Steven Mayeux Elizabeth Orr McCord Noah Scott McGill Michael Bryant McIver **Ebony Monique McKinnies** Tyson Alberto Meaux Caleb Gray Melancon Sesank Sai Mikkilineni Christopher Scott Molligan Shaden Yousef Murad Charles Griffin Murphy Derek Joseph Naccari David Joel Navo Kathryn Blair Neupert Long Thanh Nguyen

Nina Thuha Nguyen Chinonyelum Blessing Obih\*† Ugochi Laurel Obih\*† Chizoba Nicole Okechukwu Erik Matthew Oltmann Joseph Charles Oschwald Chidimma Michelle Osigwe Nicholas Paul Otts Marisa Margaret Pappas Catherine Frances Parker Nikita Ramesh Patel Ronak Sandeep Patel Bradley Todd Peet Jordan Douglas Percle Cacey William Peters Rebecca Elizabeth Pistorius Joshua David Plant Madeleine Patrice Prat Daniel Hock Puneky Jarratt Daniel Pytell\* Laura Catherine Rachal Alexander Bragg Ramos Caitlyn Louviere Ranger Sunil Himath Rathore Hannah Michelle Rav James Michael Robinson Matthew Joseph Rolfsen Jessica Marie Rosselot Hailey Frances Rouhana Sara Ann Saad El-Dein Daniel William Schlieder Verna Lee Schuetter Elliot Jude Scott Amber Faucheux Severio Amir AbdulFatah Shahien Cristina Elizabeth Shelton Jessica Ann Shields Oscar Leroy Shoenfelt

\* In Absentia

† · Degree conferral August 9, 2014

Candidates for Degrees

Mallory Susan Shurte Mary Elizabeth Silverberg Raeanna Poplus Simcoe Jean Bing Simpson Jason Min So Jonathon David Sossamon\*†† Casey Raymond Steen Andrew William Suire Brian Henry Sybo Danielle Dow Taylor Snigdha Toodi Jake Trahan Sean Patrick Turner Vilija Jo Vaitaitis Roxanne Boyd Varnell Katie Elizabeth Veron

Luke Albert Verret Jonathan Billy Vignes Katherine Schluter Vignes Jeffery Joseph Vinet Meredith Leigh Walker Jeffrey Wang Madelyn Tunstall Weil Tiffany Rachelle Wesley Guy Cameron Williams Elizabeth Aline Williamson Ashlea Danielle Winfield-Dial Ryan Christopher Wisler Noah Michael Woolridge Syed Ali Zamin Amy Qian Zhang

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† Degree conferral August 9, 2014

<sup>††</sup> Degree conferral December 11, 2014

The celebration of commencement is a rich tapestry of tradition. Each tradition adds to the pageantry and the majesty of one of the Health Sciences Center's most solemn, yet joyous occasions. The conferring of degrees is formal recognition that our graduates have attained mastery of the healing arts and sciences and are fully prepared to accept the sacred trust, which will soon be bestowed upon them by their patients and clients. This is a very special day for the entire LSU Health Sciences Center family, and so that the meaning of this ceremony will be deepened and the celebration more fitting the magnitude of accomplishment of our faculty and students, the Health Sciences Center has woven a number of time-honored traditions into our commencement tapestry.

# Academic Regalia

The origins of academic regalia date back to the 12<sup>th</sup> and 13<sup>th</sup> centuries. The long robe and hood were borrowed from clerical dress with a nod toward practicality for the warmth the costume provided in unheated and drafty halls. While proper academic dress was defined for the first time during the reign of Henry VIII at Oxford and Cambridge, it was not until the 19<sup>th</sup> century and, then only in the United States, that it was standardized. Colors were assigned to signify the various areas of scholarly pursuit. Green, the color of medieval herbs, was chosen for medicine, and golden yellow, representing the wealth produced by scientific research, was selected for the sciences. In 1932, the American Council on Education approved an academic costume code which, with few changes, is still used today. The principle features of academic dress are three: the gown, the cap and the hood.

The Gown. The flowing black gown comes from the twelfth century. It has become symbolic of the democracy of scholarship, for it completely covers dress of rank or social standing beneath. Gowns with pointed sleeves designate the Associate and Bachelor's degree; long, closed sleeves are used for the Master's degree, with a slit for the arm; and round, open sleeves indicate the Doctor's degree. The gown worn for Associate, Bachelor's or Master's degree has no trimmings. The gown for the Doctor's degree is faced down the front with velvet and has three bars of velvet across the sleeves, in the color distinctive of the faculty or discipline to which the degree pertains. For certain institutions, the official colors of the college or university may appear on the gown or its decorations.

The Cap. The freed slave in Ancient Rome won the privilege of wearing a cap, and so the academic cap is a sign of the freedom of scholarship and the responsibility and dignity with which scholarship endows the wearer. Old poetry records the cap of scholarship as a square to symbolize the book, although some authorities claim the mortar board is a symbol of the masons, a privileged guild. The color of the tassel on the cap denotes the discipline, although a gold tassel may be worn with any Doctor's gown.

The Hood. Heraldically, the hood is an inverted shield with one or more chevrons of a secondary color on the ground of the primary color of the college or university. The color of the face of the hood denotes the discipline represented by the degree; the color of the lining of the hood designates the university or college from which the degree was granted.

The academic colors used in LSU Health Sciences Center's commencement ceremony are green for medicine, lilac for dentistry, apricot for nursing, gold for allied health professions, dark blue for graduate studies, and salmon for public health.

Academic Traditions

#### The University Mace

The academic mace comes from a heritage imbued with tradition and symbolism. Long held as a symbol of strength and authority, there are a number of theories about its origin. Although some say the word mace is derived from the French word masse, meaning club, one of the earliest references to a mace was an ebony-black effigy discovered in King Tut's tomb of "a King, gold-sandalled, bearing staff and mace." During medieval times, the mace of arms was cast as a weapon – a heavy staff or club often made of iron with a spiked end used by knights to penetrate and break armor. Bodyguards carried maces to protect their royals in processions.

But by the 14<sup>th</sup> century, the use of maces was becoming more ceremonial, sometimes carried in processions of civil ceremonies with mayors and other dignitaries. The mace began to lose its warlike appearance, instead being adorned with jewels and precious metals. Maces were not used as weapons after the 16<sup>th</sup> century. The first dated record of the mace's transition to academics was in 1385 when a mace was carried at the University of Vienna.

Today, the British Parliament, the Congress of the United States, and many other governmental bodies use stationary ceremonial maces. Increasingly more universities are embracing the enduring tradition of heralding their academic processions with a ceremonial mace, carried before the university leadership as an ensign of authority, dignity, succession, and the rich symbolism unique to each university.

The mace of the LSU Health Sciences Center at New Orleans was designed to define the Center and to reflect its missions and its heritage. The mace is topped with the mother pelican feeding her young taken from the Louisiana State Seal. The nest rests atop a custom-made purple glass globe, engraved with the names of the six professional schools of LSU Health Sciences Center at New Orleans. The neck of the solid mahogany staff is finished in gold, adorned with the symbols depicting the four missions of the health sciences center-education, patient care, research, and outreach, as well as a representation of Hygieia, the daughter of Aesculapius and the Goddess of Health. The base is finished with the founding year, 1931, and decorated with a fleur-de-lis, to recognize the founding of the Health Sciences Center at New Orleans.

# The Chain of Office

symbol of authority whose origins may lie in chains bearing portraits of monarchs given to scholars as signs of honor and favor, or in the badge of office said to date back to the age of chivalry when officials were more readily identifiable by their badges of rank, the chain of office is steeped in ceremonial significance.

The Chain of Office of LSU Health Sciences Center at New Orleans, fashioned in bronze, represents the authority and great responsibility of the Chancellor as head of the university. A medallion encircling the seal of the Louisiana State University Health Sciences Center engraved with the year of its founding is suspended by a chain incorporating symbols of the Center's fourfold mission. Education is represented by the books upon which the names of the six schools of the center are engraved. Patient care is represented by the stethoscopes, used in clinical disciplines spanning our schools. Research is represented by the microscopes. Outreach is depicted by the hands reaching out to each other. The oak leaf clusters symbolize strength and longevity.

The continuity of leadership is expressed by the plaques engraved with each Chancellor's name and years in office, as well as each Chancellor passing the medallion and chain on to the next.

Academic Traditions

#### The University Gonfalons

gonfalon is a flag that hangs from a crosspiece or frame. The first gonfalons were displayed in medieval Italy as an ensign of state or office as well as in ecclesiastical processions. From the Germanic compound gund-fanon (battle flag), gonfalons were also used as flags of battle. They are frequently seen at the heads of religious or military processions, always accompanied by "valets" or "honor guards". Many universities around the world have adopted them to lead academic processions as they comprise a unique and colorful ceremonial display. The gonfalons are made in the appropriate academic color for each school, and contain a visual element representing the academic discipline of the school, as well as the university seal.

Da Vinci's Vitruvian Man is the symbol on allied health's golden gonfalon. Vitruvius, a Roman engineer of the first century B.C. influenced da Vinci's drawings of the human body. The drawing is based upon a model of ideal proportions which Vitruvius established and is the symbol most frequently representative of the specialties of the allied health professions.

The nursing gonfalon is apricot and its symbol is the burning lamp of Florence Nightingale. Florence Nightingale was called "the lady with the lamp" because she used a lamp in her selfless duty in the Crimean War, although hers was a collapsible paper cylinder which protected the flame and diffused more light. The lamp has come to symbolize nursing to honor Florence Nightingale's enormous dedication and contributions to the nursing profession, as well as to represent the lamp of knowledge.

The dentistry gonfalon is lilac with the official emblem for dentistry adopted in 1965. The design uses as its central figure a serpent entwined about an ancient Arabian cautery. The Greek letter (delta), for dentistry, and (omicron) for odont (tooth) form the periphery of the design. In the background of the design are 32 leaves and 20 berries, representing the permanent and temporary teeth.

The graduate studies gonfalon is dark blue and its symbol is DNA, the building blocks of life. These building blocks are essential in the research done in the doctoral programs of Cell Biology and Anatomy, Biochemistry, Human Genetics, Microbiology, Neuroscience, Pathology, Pharmacology, and Physiology.

The medicine gonfalon is green, and its symbol is the caduceus, the staff with winding serpents topped by a pair of wings from Greek mythology that has come to represent the medical profession in the United States. In Greek and Roman mythology, the caduceus, like the staff of Aesculapius, was associated with healing and immortality. Both were used as printer's marks from the 16<sup>th</sup> century on, especially as frontispieces to pharmacopoeias in the 17<sup>th</sup> and 18<sup>th</sup> centuries. One theory postulates that as printers saw themselves as messengers of the printed word and thus disseminators of knowledge, they chose the symbol of the messenger of the ancient gods, Hermes. The United States Army adopted the caduceus as the official emblem of its medical department in 1902, cementing its use as such in this country.

Hygieia, the Greek goddess of health, adorns the public health gonfalon. The granddaughter of Apollo and the most important of Asclepius' five daughters, Hygieia personifies physical and psychic health. She was said to relieve illness in humans as well as animals through diet and medication. Often depicted feeding a snake wrapped around her body, Hygieia was sometimes called "The Health." Derived from the Greek word, hygieinos, meaning healthful, Hygieia survives today in the word hygiene-a basic preventive discipline in public health.