



WILLIAM
& MARY

CHARTERED 1693

Commencement

TWO THOUSAND AND EIGHTEEN

DEGREE CANDIDATES, MAY 2018 - AUGUST 2018

DOCTOR OF PHILOSOPHY ARTS AND SCIENCES

Victoria Tonita Akins.....Virginia Beach

B.S., James Madison University, 2008

M.S., James Madison University, 2010

M.S., College of William & Mary, 2012

Neuroanatomical and Morphological Properties of Neurons That Generate Inspiratory Related Breathing Rhythm and Influence Respiratory Motor Pattern in Mice

APPLIED SCIENCE

Hannah Emily Bailey North Prairie, WI

B.A., University of Wisconsin, Madison, 2010

M.A., College of William & Mary, 2013

I Have Seen Africa, But I Have Never Set Foot There: A New Account of Africans in the Early Modern French Atlantic

HISTORY

Kurtis David Bartlett Belmont, NH

B.S., University of New Hampshire, Durham, 2012

M.S., College of William & Mary, 2014

First Measurements of the Parity-Violating and Beam-Normal Single-Spin Asymmetries in Elastic Electron-Aluminum Scattering

PHYSICS

Junine Yorimoto Boldt..... West Bloomfield, MI

B.A., Michigan State University, 2011

M.A., College of William & Mary, 2013

The Art of Plantation Authority: Domestic Portraiture in Colonial Virginia

AMERICAN STUDIES

David Arthur BrantleyMerced, CA

B.S., University of California, Merced, 2013

M.S., College of William & Mary, 2015

Applications of Lattice QCD to Hadronic CP Violation

PHYSICS

Nancy J. Carter..... Williamsburg

B.S., University of Maryland, College Park, 1981

M.S., Naval Postgraduate School, 1992

Usability, Efficiency, and Security of Personal Computing Technologies

COMPUTER SCIENCE

Ellen Luisa Chapman Richmond

B.A., Washington University, 2005

M.S., Durham University, 2010

Buried Beneath the River City: Investigating An Archaeological Landscape and Its Community Value In Richmond, Virginia

ANTHROPOLOGY

William Winsor Dickinson.....Fredericksburg

B.S., University of Mary Washington, 2008

M.S., College of William & Mary, 2012

Interfacial Forces of 2D Materials at the Oil-Water Interface

PHYSICS

James Franklyn Dowd..... Yorktown

B.S., Virginia Polytechnic Institute & State University, 2009

M.S., College of William & Mary, 2011

Probe of Electroweak Interference Effects in Non-Resonant Inelastic Electron-Proton Scattering

PHYSICS

Jacob James Ethier.....Deltona, FL

B.S., Stetson University, 2013

M.S., College of William & Mary, 2015

Proton Spin Structure From Monte Carlo Global QCD Analyses

PHYSICS

Michael Chaim Freid Williamsburg

B.S., Rensselaer Poly Institute, 2011

M.S., College of William & Mary, 2014

Topics in Proton Structure: BSM Answers to Its Radius Puzzle and Lattice Subtleties Within Its Momentum Distribution

PHYSICS

Frank Anthony Fucile.....Philadelphia, PA

B.A., Dartmouth College, 2005

M.A., Temple University, 2007

Terra Sacra: Lethal Environments and the Modern American War Novel

AMERICAN STUDIES

Xing Gao Xiangtan, China

B.E., Beijing Institute of Technology, 2011

Investigating Emerging Security Threats in Clouds and Data Centers

COMPUTER SCIENCE

Robin Marie Givens Ashland

B.S., University of Richmond, 2006

M.S., College of William & Mary, 2014

Mixed-Weight Open Locating-Dominating Sets

COMPUTER SCIENCE

Zijiang HaoHongqiao, Tianjin, China

B.E., Tsinghua University, 2004

M.E., Tsinghua University, 2007

Research On Efficiency and Security for Emerging Distributed Applications

COMPUTER SCIENCE

Patrick Lee JohnsonMobile, AL

B.A., Beloit College, 2008

M.A., University of West Florida, 2012

Vengeance With Mercy: Changing Traditions and Traditional Practices of Colonial Yamasees

ANTHROPOLOGY

Renee Michelle Kingan..... Williamsburg

B.A., James Madison University, 1997

M.A., George Mason University, 2002

M.A., College of William & Mary, 2009

When I Put On My Firespitter Mask: Jayne Cortez's (R) Evolut (R)Evolutionary Musical Poetic Collaborations

AMERICAN STUDIES

Mark Kostro..... Williamsburg

B.A., Rutgers University, 1996

M.A., College of William & Mary, 2003

On the Margins of Empire: An Archaeological and
Historical Study of Guana Island, British Virgin Islands

ANTHROPOLOGY

Dessa Elizabeth Lightfoot..... Williamsburg

B.A., Syracuse University, 2001

M.A., University of New Mexico, Albuquerque, 2004

God Sends Meat and the Devil Sends Cooks: Meat Usage
and Cuisine in Eighteenth-Century English Colonial
America

ANTHROPOLOGY

Qi Luo Nanchang, China

B.E., Beihang University, 2008

M.E., Tsinghua University, 2011

On Improving (Non)Functional Testing

COMPUTER SCIENCE

Henry Monge Camacho San José, Costa Rica

B.S., Universidad de Costa Rica, 2008

M.S., College of William & Mary, 2016

Lattice QCD for Neutrinoless Double Beta Decay: Short
Range Operator Contributions

PHYSICS

Kevin Patrick Moran..... Maitland, FL

B.A., College of the Holy Cross, 2013

M.S., College of William & Mary, 2015

Automating Software Development for Mobile Computing
Platforms

COMPUTER SCIENCE

Anne Elizabeth Norrick Anoka, MN

B.A., Columbia University - Barnard College, 2010

M.S., College of William & Mary, 2013

A Measurement of Nuclear Effects in Deep Inelastic
Scattering in Neutrino-Nucleus Interactions

PHYSICS

James Patrick Padilioni, Jr. Lansdowne, PA

B.A., West Chester University, 2012

M.A., College of William & Mary, 2014

Iconographic and Performative Circulations of St. Martin
de Porres in the African Diaspora

AMERICAN STUDIES

Sebouh Jacob Paul..... Vienna

B.S., Christopher Newport University, 2010

M.S., Christopher Newport University, 2012

M.S., College of William & Mary, 2014

Searching for a Dark Photon in the HPS Experiment

PHYSICS

Andrew James Pyle Lenhartsville, PA

B.S., Kutztown University, 2011

M.S., College of William & Mary, 2013

Scattering a Bose-Einstein Condensate Off a Modulated
Barrier

PHYSICS

Peter Eli Rosenberg Port Washington, NY

B.A., SUNY College Geneseo, 2011

M.S., College of William & Mary, 2013

Exotic Phases in Attractive Fermions: Charge Order, Pairing,
and Topological Signatures

PHYSICS

Daniel Albert Salmon Apex, NC

B.S., North Carolina State University, 2012

M.S., College of William & Mary, 2014

Dynamics of Systems With Hamiltonian Monodromy

PHYSICS

Casey Sylvia Schmitt Williamsburg

B.A., Arizona State University, 2006

M.A., University of Utah, 2011

M.A., College of William & Mary, 2013

Bound Among Nationals: Labor Coercion in the Seventeenth-
Century Caribbean

HISTORY

Elizabeth Drummond Skinner..... Williamsburg

B.S., Wake Forest University, 2011

M.S., College of William & Mary, 2013

Length Limited Parametric Array -- 3D Nonlinear Acoustic
Simulations and Applications

APPLIED SCIENCE

Yutao Tang Guilin, China

B.E., Beijing University of Posts & Telecommunications, 2008

M.S., Chinese Academy of Sciences, 2011

Exploring New Paradigms for Mobile Edge Computing

COMPUTER SCIENCE

Sarah Elaine Thomas..... Front Royal

B.A., College of William & Mary, 2008

M.A., University of Virginia, 2010

M.A., College of William & Mary, 2012

Community and Culture: Material Life in Shenandoah
County, Virginia, 1750-1850

HISTORY

Richard Keith Thrasher..... Virginia Beach

B.S., James Madison University, 2013

M.S., College of William & Mary, 2015

Extensions of the Standard Model Higgs Sector

PHYSICS

Christopher Gennaro Vendome..... New York, NY

B.S., Emory University, 2012

M.S., College of William & Mary, 2014

Assisting Software Developers With License Compliance

COMPUTER SCIENCE

Megan Rhodes Victor Bloomfield Hills, MI

B.A., University of Michigan, Ann Arbor, 2010

M.A., College of William & Mary, 2012

On the Table and Under It: Social Negotiation & Drinking
Spaces in Frontier Resource Extraction Communities

ANTHROPOLOGY