

University of Florida Gator Computing Program

June 4 – June 15, 2018

Each day starts at 8:30am and ends at 4:30pm in UFII Lecture Room E251 CSE | Supervision provided from 8am-5pm

<p>Monday, June 4</p>	<p>Check-in at Classroom Classroom (UFII E251) Welcome and Orientation Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Mr. Elias G. Eldayrie - Vice President and Chief Information Officer, UF - Dr. Erik Deumens - Director, UFIT Research Computing <p>Daily Overview, Logistics, Rules, & Ice Breakers Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Julia Aiello and Prathyusha Patta, Teaching Assistants <p>Computer Access and User Setup, Computer Lab (CSE E231) Lunch: Domino's Pizza Would You Jump? ... on the Uncertainty of Living and How Computers Can Help! Computer Lab (CSE E231)</p> <ul style="list-style-type: none"> - Dr. Rafael Munoz-Carpena, Professor, Department of Agricultural & Biological Engineering <p>How Complex Biosystems Engineering Uses Computational Approaches in Difficult Environmental Problems Classroom</p> <ul style="list-style-type: none"> - Dr. Rafael Munoz-Carpena, Professor, Department of Agricultural & Biological Engineering - Dr. Gregory Kiker, Associate Professor, Department of Agricultural & Biological Engineering
<p>Tuesday, June 5</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Biodiversity and the Tree of Life Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. Doug Soltis, Distinguished Professor, Department of Biology <p>Computational English Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. Sid Dobrin, Professor, Department of English <p>Python Programming Class Computer Lab (CSE E231) Lunch: Fresh Food Co. Augmented Reality Marston Science Library (L136)</p> <ul style="list-style-type: none"> - Shannon Butts, PhD Student, Department of English, TRACE <p>Interactive Design Using Arduino Computer Lab (CSE E231)</p> <ul style="list-style-type: none"> - Emily Brooks, PhD Student, Department of English, TRACE
<p>Wednesday, June 6</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Machine Learning Applications in Acute Pain: Hubris and Humility Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. Patrick Tighe, Associate Professor, Department of Anesthesiology <p>Genomic Studies of Infectious Diseases in the Era of "Big Data" Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. Marco Salemi, Professor, Department of Pathology, Immunology, and Laboratory Medicine <p>Python Programming Class Computer Lab (CSE E231) Lunch: Fresh Food Co. 3D Printing Site Visit Marston Library</p> <ul style="list-style-type: none"> - Dr. Sara Gonzalez, Assistant University Librarian <p>Digital Worlds Institute Site Visit Norman Gym</p> <ul style="list-style-type: none"> - Dr. James Oliverio, Executive Director, Digital Worlds Institute
<p>Thursday, June 7</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Hospital 2.0 – Augmenting Experience for Everybody in the Loop Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. Azra Bihorac, R. Glenn Davis Professor, Department of Medicine <p>Network Based Approaches for Measuring Connectivity in the Financial Sector Classroom (UFII E251)</p> <ul style="list-style-type: none"> - Dr. George Michailidis, Founding Director of UF Informatics Institute and Professor of Statistics <p>Python Programming Class Computer Lab (CSE E231) Lunch: Panda Express Emerging Pathogens Institute Site Visit</p> <ul style="list-style-type: none"> - Dr. Marco Salemi, Professor, Department of Pathology, Immunology, and Laboratory Medicine <p>Interdisciplinary Center for Biotechnology Research Site Visit</p> <ul style="list-style-type: none"> - Dr. Steve Madore, Associate Director for Science, ICBR - Dr. Yanping Zhang, Scientific Director for Gene Expression & Genotyping, ICBR <p>Human-Experience Research Lab Site Visit</p> <ul style="list-style-type: none"> - Dr. Juan Gilbert – The Banks Preeminence Professor and Chair, Department of Computer & Information Science & Engineering
<p>Friday, June 8</p> <p><i>Wear your GCP shirt today!</i></p>	<p>Check-in and Daily Overview Classroom (UFII E251) Computer Aided 3D Animation Classroom (UFII E251) 3D Animation with Blender Computer Lab (CSE E231)</p> <ul style="list-style-type: none"> - Dr. Rong Zhang, Lecturer, Department of Computer & Information Science & Engineering <p>Lunch: Einstein Bros. Box Lunches Powell Lab and Boundary Layer Wind Tunnel Site Visit, UF East Campus</p> <ul style="list-style-type: none"> - Scott Powell, Lab Manager, Powell Family Structures & Materials Lab, Engineering School of Sustainable Infrastructure & Environment <p>UF Data Center and HiPerGator Site Visit, UF East Campus</p> <ul style="list-style-type: none"> - John Toner, Manager, Data Center Infrastructure & Engineering

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<p>Monday, June 11</p>	<p>Check-in and Daily Overview Classroom (UFII E251) See the World through the HiPerGator Supercomputer Classroom (UFII E251) - Dr. Xiaoyu Song, Assistant Professor, Engineering School of Sustainable Infrastructure & Environment Gator Motorsports, Mechanical Engineering Building C (MAE-C 133-134) - Isaiah Hendrick, Undergraduate Student, Mechanical Engineering - Meghan Black, Undergraduate Student, Materials Science and Engineering Lunch: The Hub & Turlington Python Programming Class Computer Lab (CSE E231) Work on Group Projects, Computer Lab (CSE E231)</p>
<p>Tuesday, June 12</p>	<p>Check-in and Daily Overview Classroom (UFII E251) How Computers and Algorithms Help Discover and Design New Materials Classroom (UFII E251) - Dr. Richard Henning, Professor, Department of Materials Science and Engineering How to Form the Brightest Galaxies in the Universe Classroom (UFII E251) - Dr. Desika Narayanan, Assistant Professor, Department of Astronomy Lunch: Gator Corner Dining Transportation Lab Weil 507 - Dr. Scott Washburn, Professor, Department of Civil and Coastal Engineering Work on Group Projects Computer Lab (CSE E231)</p>
<p>Wednesday, June 13</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Work on Group Projects Computer Lab (CSE E231) Lunch: Domino's Pizza Reitz Union Game Room - Bowling, Billiard's, Table Tennis, and Foosball Work on Group Projects Computer Lab (CSE E231)</p>
<p>Thursday, June 14</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Work on Group Projects, Computer Lab (CSE E231) Lunch: The Hub & Turlington Work on Group Projects, Computer Lab (CSE E231)</p>
<p>Friday, June 15</p>	<p>Check-in and Daily Overview Classroom (UFII E251) Project Presentation Preparation Computer Lab (CSE E231) Project Presentation Preparation and Set-up New Physics Building (NPB 2205) Lunch – McAlister's Club Sandwiches Gator Computing Program Symposium and Reception for Invited Guests, New Physics Building (NPB 2205) - Relatives and teachers invited, 1:00-4:00pm Program Conclusion New Physics Building (NPB 2205)</p>

