

The Charles L. Brown  
Department of  
Electrical and Computer Engineering  
*Welcome!!!!*

**Nathan Swami (EE Grad Director)**  
**Katherine Harlow (EE Grad  
Coordinator)**

*August 27, 2007*

# ECE Grad Orientation Agenda

|                         |   |  |
|-------------------------|---|--|
| <b>3:00</b>             | <b>Welcome</b>  | <b>Nathan Swami<br/>Katherine Harlow</b> |
| <b>3:05</b>             | <b>Department and University Overview</b>   | <b>Lloyd Harriott</b>                    |
| <b>3:20</b>             | <b>EE Grad Office: Procedures Overview</b>  | <b>Katherine Harlow</b>                  |
| <b>3:30</b>             | <b>Courses Offered in Microelectronics</b>  | <b>Michael Reed</b>                      |
| <b>3:40</b>             | <b>Courses Offered in CCSP<br/>(Communications, Controls &amp; Signal Processing)</b> | <b>Maite Brandt-Pearce</b>               |
| <b>3:50</b>             | <b>Courses Offered in Computing &amp; Embedded Systems</b>                            | <b>Joanne Bechta<br/>Dugan</b>           |
| <b>4:00</b>             | <b>The EE Graduate Program</b>  | <b>Gang Tao</b>                          |
| <b>4:10</b>             | <b>EE Graduate Student Council Presentations</b>                                      | <b>Mark Hanson</b>                       |
| <b>4:20</b>             | <b>Questions &amp; Wrap-Up (moderated by Katherine Harlow)</b>                        |  |
| <b>4:45<br/>Onwards</b> | <b>Pizza at Rodman Room</b>   |  |

| Degree | Last Name   | First Name | Undg/Grad Institution         | Research Interests                              | Advisor              |
|--------|-------------|------------|-------------------------------|---|----------------------|
| MS     | ALJABBARI   | Naser      | University of Maine           | digital signal processors, analog IC's          | Gupta                |
| MS     | APPIAH      | Kofi       | Kw ame Nkrumah Univ. of S & T | Communications Engineering                      |                      |
| PhD    | ARSENOVIC   | Alexander  | University of Va.             | Microw ave Systems                              | Weikle               |
| PhD    | BAHUGUNA    | Archana    | N. Carolina State Univ.       | Nanoelectronics; Molecular Electronics          | Sw ami/Harriott      |
| PhD    | BAUWENS     | Matthew    | University of Va.             | Microw ave Circuits                             | Weikle               |
| PhD    | BLOCK       | Frank      | University of Va.             | Medical Instrumentation, Sensors,               |                      |
| MS     | CHHABRA     | Mohit      | W Michigan Univ.              | Analog Low Pow er Circuits; Adaptive Controls   |                      |
| MS     | CHOO        | Benjamin   | Yonsie University (Korea)     | Embedded Computer Systems                       |                      |
| MS     | CYBEREY     | Michael    | Rutgers University            | Microfabrication; RF; Mm, Sub-Mm Electronics    | Lichtenberger        |
| PhD    | HERALD      | Delbert    | Arizona State Univ.           | RF and Microw ave Circuit Design                | Lichtenberger        |
| PhD    | HINTON      | Ryan       | Stanford University           | Signal Processing and Communication Theory      | Wilson/Brandt-Pearce |
| PhD    | IRVING      | Terrence   | Dartmouth College             | Wireless Communications                         |                      |
| PhD    | IYENGAR     | Vikram     | Univ. of NC-Charlotte         | Nanotechnology                                  | Gupta                |
| PhD    | JOCKE       | Steven     | Ohio State Univ.              | low -pow er VLSI; FPGAs                         | Calhoun              |
| ME     | KRAUSE      | Thomas     | University of Va.             | Control Theory and Signal Processing            |                      |
| PhD    | LI          | Jiguang    | Rennselaer Poly. Inst.        | Photonics; Optoelectronics                      | Gupta                |
| PhD    | LI          | Zhi        | Zhejiang University           | Optics and Optoelectronics                      | Campbell             |
| PhD    | OKRAKU      | Emmanuel   | Occidental College            | Biomedical Technology                           | Gupta                |
| MS     | PENCEK      | Robert     | Villanova University          | Control Systems                                 |                      |
| PhD    | PUGH-THOMAS | Devin      | Norfolk State Univ.           | nanotechnology, surface science, thin films     | Gupta                |
| PhD    | RINGGENBERG | Kyle       | Rice University               | VLSI; Embedded Systems; Coding Theory           | Calhoun              |
| PhD    | ROTHENBACH  | Christian  | Davidson College              | Computer Architecture; Optoelectronics          | Gupta                |
| PhD    | SANG        | Qian       | Eastern Ketucky Univ.         | Control Theory; Nonlinear Control               | Tao                  |
| MS     | SINGHAL     | Charu      | Jamia Millia Islamia          | linear control, non-linear and adaptive control | Tao                  |
| MS     | SMITH       | Brandon    | University of Virginia        | Molecular Electronics                           |                      |
| MS     | SORENSEN    | Douglas    | Utah State University         | Embedded System Design                          |                      |
| PhD    | STANEC      | James      | University of Virginia        | MEMS  | Barker               |
| MS     | STRAMEL     | Alex       | Vanderbilt Univ.              | Microelectronics and Semiconductor Devices      | Gupta                |
| PhD    | TABETAH     | Marshall   | Univ. of Oklahoma             | Novel Electronic Systems and Applications       | Gupta                |
| MS     | TANDON      | Ashraya    | Thadomal Shahani Eng.         | Communication,controls & Signal Processing      |                      |
| PhD    | TSENG       | Frank      | University of Va.             | Semiconductors                                  | Ghosh                |
| PhD    | XIE         | Tingjun    | Nankai University             | communications and signal processing            |                      |
| MS     | YANG        | Clare      | Miami University (OH)         | Signal Processing and Communication Theory      |                      |
| MS     | ZIGRANG     | Zachary    | Longw ood College             | Systems Integration                             |                      |

# ECE Fall 07 TA Assignments

| <i>Course</i>      | <i>Instructor</i> | <i>Max #TA</i>           | <i>Students</i>      | <i>Students</i>  | <i>Students</i> | <i>Students</i>           |
|--------------------|-------------------|--------------------------|----------------------|------------------|-----------------|---------------------------|
| ECE 200            | Reed-50           | 0.5                      | Katherine Outland    | Latriese Jackson |                 |                           |
| ECE 203            | Holmes-120        | 1                        | Christian Rothenbach | Clare Yang       |                 |                           |
| ECE 230            | Stan-40           | 1                        | Robert Pencek        | Yu Lui           |                 |                           |
| ECE 307            | Blalock-48        | 0.5                      | Frank Tseng          |                  |                 |                           |
| ECE 309            | Ghosh-100         | 0.5                      | Caroline Andrews     |                  |                 |                           |
| ECE 323            | Lin-94            | 0.5                      | Mohit Chhabra        | Oguz Dogan       |                 |                           |
| ECE 403            | Tao-20            | 0.5                      | Charu Singhal        | Dipankar Deb     |                 |                           |
| ECE 422            | Wilson-30         | 0.5                      | Priyanka Gupta       |                  |                 |                           |
| ECE 435            | Williams-55       | 1.0                      | Chatterjee Subhadeep | Sorenson Douglas |                 |                           |
| ECE 432            | Calhoun-50        | 0.5                      | Devendra Rai         | Jiajing Wang     |                 |                           |
| ECE 578            | Brandt-Pearce-30  | 0.5                      | Jiong Wang           | Kirtan Modi      |                 |                           |
| ECE 666            | Swami-20          | 0.5                      | Riya Shergill        |                  |                 |                           |
| ECE 576 (TV)       | Brandt-Pearce-40  | 0.5                      | Ambreesh Vishnoi     |                  |                 |                           |
| ECE 622 (TV)       | Lin-20            | 0.5                      | Xinmin Liu           |                  |                 |                           |
| ECE 642 (TV)       | Gupta-20          | 0.5                      | Jinguang Li          |                  |                 |                           |
| ECE 541            | Campbell          |                          | Han-din Liu          |                  |                 |                           |
| <i>Course</i>      | <i>#TA</i>        | <i>Report to:</i>        | <i>Students</i>      | <i>Students</i>  | <i>Students</i> | <i>Students</i>           |
| APMA 109, 213, 311 | 2.5               | William Roberts          | Xinmin Liu           | Hong Xu          | Sang Qian       | Parthasarathy Ramakrishna |
| ENGR 162           | 1.0               | Barker, Harriott, Cabral | Smith Brandon        |                  |                 |                           |