



# Wake Forest University School of Medicine

Dept. of Biomedical Engineering & Center for Artificial Intelligence Research

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Group: CALIBIR (CAIR)

## 2025 Summer Research Internship Program May 27<sup>th</sup>, 2025 – August 1<sup>st</sup>, 2025

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### Tuesday, May 27<sup>th</sup>

9:00 am – 5:00 pm

#### **Move-in to Deacon Place**

2410 Whicker Acres Lane, Winston-Salem, NC 27106

### Wednesday, May 28<sup>th</sup>

8:30 am

#### **Shuttles to pick up students at Deacon Place**

8:45 am

#### **Arrive at Wake Forest School of Medicine campus in Downtown Winston-Salem**

9:00 am – 10:30 am

#### **Welcome Orientation!**

led by Summer Internship Program Co-Directors:

Drs. Ashley Weaver, Ryan McGinnis, Arezoo Movaghar & Metin Gurcan.

*Biotech Place (BTP) - Auditorium, 1<sup>st</sup> floor*

11:00 am – 12:00 pm

#### **Campus Tour**

Led by SBES Graduate Student Ambassadors

*Meeting Location: Biotech Place (BTP) – Atrium, 1<sup>st</sup> Floor*

12:00 pm – 1:00 pm

#### **Welcome Lunch – Meet your Mentors!**

*Biotech Place (BTP) – Atrium, 1<sup>st</sup> Floor*

1:00 pm – 3:00 pm

#### **CALIBIR IT Set-Up Orientation**

Laptop distribution & set-up for CALIBIR interns

*Biotech Place (BTP), 1<sup>st</sup> Floor, Room 155A&B*

3:00 pm – 3:30 pm

#### **CALIBIR Pre-Survey Session**

*Biotech Place (BTP), 1<sup>st</sup> Floor, Room 155A&B*

### Thursday, May 29<sup>th</sup>

8:00 am

#### **Shuttle to pick up at Deacon Place & drop-off at Wake Downtown**

8:30 am – 12:00 pm

#### **Center for Experiential and Applied Learning Demos**

*Bowman Gray Center for Medical Education (BGCME), 4<sup>th</sup> Floor*

1:00 pm – 3:00 pm

#### **Informatics Bootcamp #1: Healthcare Informatics**

Led by Drs. Mostafa Rezapour, Hao Lu, & Mostafa Rezapour

*Bailey Power Plant (BPP) – 5<sup>th</sup> Floor, Room 515*

*\*CALIBIR interns only*

### Friday, May 30<sup>th</sup>

8:45 am

#### **Shuttle pick-up at Deacon Place for transportation to WFU Baseball Facility**

*\*Students with vehicles may drive to the facility. Arrive no later than 9:00 am\**

9:00 am – 10:30 am

#### **Tour of Motion Capture Lab: Experimental Biomechanics with Dr. Kristen Nicholson**

*401 Deacon Blvd, David F. Couch Ballpark*

***\*Optional for CALIBIR & KEEN interns***

10:30 am Shuttle pick-up for transportation to Wake Downtown

11:00 am – 12:00 pm **BME Tour of Experimental Biomechanics Labs**  
**Led by Dr. Philip Brown, Dr. Jill Urban, & graduate students**  
*Meet at the Atrium in Biotech Place (BTP), 1<sup>st</sup> floor*  
*Tour: Biotech Place 5<sup>th</sup> floor, Suite 530 & 1<sup>st</sup> floor, Suite 120*  
**\*Optional for CALIBIR interns**

1:00 pm – 3:00 pm **Informatics Bootcamp #2: Clinical Informatics**  
Led by Dr. Da Ma  
*Bailey Power Plant (BPP) – 4<sup>th</sup> Floor, Room 421*  
**\*CALIBIR interns only**

**Tuesday, June 3<sup>rd</sup>**

1:00 pm – 3:00 pm **Informatics Bootcamp #3: Translational Bioinformatics**  
Led by Dr. Nicholette Allred  
*Bailey Power Plant (BPP) – Room #421*  
**\*CALIBIR interns only**

**Wednesday, June 4<sup>th</sup>**

1:00 pm – 3:00 pm **Informatics Bootcamp #4: Artificial Intelligence**  
Led by Drs. Arezoo Movaghar, Hao Lu, & Onur Koyun  
*Bailey Power Plant (BPP) – Room #421*  
**\*CALIBIR interns only**

3:30 pm – 4:30 pm **Seminar #1: Making the Most of Your Internship – A Workshop on Time Management, Networking, Relationship Building, and Leadership**  
Led by Center for Personal and Professional Development Coaches  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
**\*All interns required to attend!**

**Thursday, June 5<sup>th</sup>**

9:00 am – 10:00 am **Seminar #2: Part 1 – Responsible Conduct of Research (RCR)**  
Led by Dr. Ellen Quillen  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
**\*All interns required to attend!**

**Friday, June 6<sup>th</sup>**

9:00 am – 10:00 am **Seminar #2: Part 2 – Rigor & Reproducibility (R&R)**  
Led by Dr. Ellen Quillen  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
**\*All interns required to attend!**

**Wednesday, June 11<sup>th</sup>**

9:45 am – 12:00 pm **Wake Wednesday Event: Tour of WFIRM**  
*391 Technology Way NE, Winston-Salem, NC 27101*  
**\*Optional for all interns**

3:30 pm – 4:30 pm **Seminar #3: How to become a critical reader/thinker - The Art of Reading Scientific Papers**  
Led by Dr. David Soto-Pantoja  
*Bowman Gray Center for Medical Education (BGCME) – 5<sup>th</sup> Floor, Room 5206/5207*  
**\*All interns required to attend!**

**Thursday, June 12<sup>th</sup>**

1:30 pm – 3:00 pm

**Informatics Journal Club 1/4**

Led by Dr. Arezoo Movaghar  
*Bailey Power Plant (BPP) – Room #421*  
*\*CALIBIR interns only*

4:30 pm – 5:30 pm

**Internship Ice Cream Social**

WF Summer Internship Programs  
*Bowman Gray Center for Medical Education (BGCME) Front Patio / 1<sup>st</sup> floor BGCME Café*

**Wednesday, June 18<sup>th</sup>**

10:00 am – 12:00 pm

**Wake Wednesday Event: Dr. Eric Kirkendall - AI and Healthcare**

*Biotech Place (BTP) – Auditorium, 1st Floor*  
*\*Optional for CALIBIR interns only*

3:30 pm – 4:30 pm

**Seminar #4: How to Write a Scientific Abstract**

Led by Dr. Ashley Weaver  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
*\*All interns required to attend!*

6:00 pm – 9:00 pm

**DASH Baseball Game**

Organized by the Department of Biomedical Engineering  
*951 Ballpark Way, Winston Salem, NC*

**Thursday, June 19<sup>th</sup>**

**Juneteenth Holiday (*holiday observed*) – OFF**

**Wednesday, June 25<sup>th</sup>**

2:30 pm – 4:00 pm

**Seminar #5: How to find the right career path?**

Led by a panel of REU Summer Program Alumni  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
*\*All interns required to attend!*

4:00 pm – 6:00 pm

**Internship Networking Reception**

WF Summer Internship Programs – Students & Mentors  
*Biotech Place (BTP) – Atrium, 1st Floor*

**Thursday, June 26<sup>th</sup>**

1:30 pm – 3:00 pm

**Informatics Journal Club 2/4**

Led by Dr. Arezoo Movaghar  
*Bailey Power Plant (BPP) – Room #421*  
*\*CALIBIR interns only*

**Monday, June 30<sup>th</sup>**

12:00 pm – 1:00 pm

**CALIBIR Mid-Summer Lunch w/ Mentors**

*Biotech Place (BTP) – Atrium, 1<sup>st</sup> Floor*  
*\*CALIBIR interns only*

**Wednesday, July 2<sup>nd</sup>**

3:30 pm – 4:30 pm

**Seminar #6: Tips for applying to Graduate School, Medical School, or Industry**

Panelists: Drs. Erik Brady, Modupeola Akinola, & Grace White  
*Biotech Place (BTP) – Auditorium, 1st Floor*  
*\*All interns required to attend!*

**Thursday, July 3<sup>rd</sup>**

1:30 pm – 3:00 pm

**Informatics Journal Club 3/4**

Led by Dr. Arezoo Movaghar  
*Bailey Power Plant (BPP) – Room #421*  
*\*CALIBIR interns only*

**Friday, July 4<sup>th</sup>**

**Independence Day (*holiday observed*) – OFF**

**Wednesday, July 9<sup>th</sup>**

3:30 pm – 4:30 pm

**Seminar #7: Intro to Biostatistics & Research**

Led by Dr. Hannah Ainsworth

*Biotech Place (BTP) – Auditorium, 1st Floor*

*\*Optional for all interns! More information TBD*

**Thursday, July 10<sup>th</sup>**

1:30 pm – 3:00 pm

**Informatics Journal Club 4/4**

Led by Dr. Arezoo Movaghar

*Bailey Power Plant (BPP) – Room #421*

*\*CALIBIR interns only*

**Wednesday, July 16<sup>th</sup>**

11:00 am – 12:30 pm

**Wake Wednesday Event - Innovation Emerging Technologies:**

**3D Medical Imaging, 3D Printing, VR/XR, AI, and Ricoh 3D studio tour**

*One Technology Way - 4th Floor*

*\*Optional for all interns*

**Thursday, July 17<sup>th</sup>**

10:00am – 11:00am

**Coffee Hour - Fellowships & Scholarships**

Led by SBES Grad Students: Diana Madrid, Linda Liu, Luis Poveda, & Andrea Robinson

*Biotech Place (BTP) – 5<sup>th</sup> Floor, Suite 530*

*\*Optional for all interns*

**Wednesday, July 23<sup>rd</sup>**

3:30 pm – 5:00 pm

**Seminar #8: TBD**

*Biotech Place (BTP) – Auditorium, 1st Floor*

**Wednesday, July 30<sup>th</sup>**

1:00 pm – 4:00 pm

**Open Practice for Summer Symposium**

*Biotech Place (BTP) – Auditorium, 1st Floor*

*\*ALL interns are required to attend!*

**Thursday, July 31<sup>st</sup>**

9:00 am – 12:00 pm

**Summer Research Internship Program Symposium – Morning Session**

*Biotech Place (BTP) – Auditorium, 1st Floor*

12:00 pm – 1:30 pm

**Summer Symposium Lunch**

*Biotech Place (BTP) – Atrium, 1st Floor*

1:30 pm – 5:00 pm

**Summer Research Internship Program Symposium – Afternoon Session & Awards**

*Biotech Place (BTP) – Auditorium, 1st Floor*

5:00 pm

*All students must return their keys, badges, and any other Wake Forest equipment to assigned faculty or staff before the end of the day.*

**Friday, August 1<sup>st</sup>**

By 12:00 pm

**Move-out from Deacon Place - 2410 Whicker Acres Lane, Winston-Salem, NC 27106**