



Wake Forest University School of Medicine

Dept. of Biomedical Engineering & Center for Artificial Intelligence Research

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Group: eREU KEEN

2025 Summer Research Internship Program May 27th, 2025 – August 1st, 2025

Tuesday, May 27th

9:00 am – 5:00 pm

Move-in to Deacon Place

2410 Whicker Acres Lane, Winston-Salem, NC 27106

Wednesday, May 28th

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, 1st floor

11:00 am – 12:00 pm

Campus Tour

Led by SBES Graduate Student Ambassadors

Meeting Location: Biotech Place (BTP) – Atrium, 1st Floor

12:00 pm – 1:00 pm

Welcome Lunch – Meet your Mentors!

Biotech Place (BTP) – Atrium, 1st Floor

**BME & KEEN Interns will spend the rest of the day in their respective mentor's research labs and/or office*

Thursday, May 29th

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), 4th Floor

1:00 pm – 2:00 pm

eREU KEEN Workshop: Concept Mapping

Led by Dr. Ashley Weaver

Biotech Place (BTP) - Auditorium, 1st floor

**KEEN & BME interns only*

2:00 pm – 3:00 pm

BME & KEEN Pre-Survey Session

Biotech Place (BTP) - Auditorium, 1st floor

Friday, May 30th

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 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), 1st floor

Tour: Biotech Place 5th floor, Suite 530 & 1st floor, Suite 120

**Optional for KEEN interns*

Monday, June 2nd

9:00 am – 10:00 am

BME Bootcamp #1: An Intro to Imaging

Led by Drs. Megan Lipford & Jared Weis

Biotech Place (BTP) – Room 155A&B

**BME interns only, optional for KEEN interns*

1:00 pm – 2:00 pm

eREU KEEN Workshop: Curiosity in Research

Led by Dr. Ryan McGinnis

Biotech Place (BTP) – 1st Floor, Room 155A&B

**KEEN & BME interns only*

Tuesday, June 3rd

9:00 am – 10:00 am

BME Bootcamp: An Intro to Finite Element Modeling

Led by Dr. Karan Devane

Biotech Place (BTP) – Room 155A&B

**BME interns only, optional for KEEN interns*

Wednesday, June 4th

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 5th

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 6th

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 11th

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

Biotech Place (BTP) – Room 155A&B

**All interns required to attend!*

Thursday, June 12th

9:00 am – 10:00 am

eREU KEEN Industry Seminar #1

Led by Worcester Polytechnic Institute

Virtual via Zoom

**KEEN interns only, optional for BME interns*

4:30 pm – 5:30 pm

Internship Ice Cream Social

WF Summer Internship Programs

Bowman Gray Center for Medical Education (BGCME) Front Patio / 1st floor BGCME Café

Wednesday, June 18th

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 19th

Juneteenth Holiday (*holiday observed*) – OFF

Wednesday, June 25th

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 26th

9:00 am – 10:00 am

eREU KEEN Industry Seminar #2

Led by Rowan University

Virtual via Zoom

**KEEN interns only, optional for BME interns*

Wednesday, July 2nd

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!*

Friday, July 4th

Independence Day (*holiday observed*) – OFF

Wednesday, July 9th

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 10th

9:00 am – 10:00 am

eREU KEEN Industry Seminar #3

Led by Wake Forest University: Elemance, LLC
Biotech Place (BTP) – Room 155A&B
**KEEN & BME interns only*

Tuesday, July 15th

9:00 am – 10:30 am

eREU KEEN Workshop: Creating Value

Led by Dr. Erin Henslee
Biotech Place (BTP) – Room 155A&B
**KEEN & BME interns only*

Wednesday, July 16th

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 17th

10:00am – 11:00am

Coffee Hour - Fellowships & Scholarships

Led by SBES Grad Students: Diana Madrid, Linda Liu, Luis Poveda, & Andrea Robinson
Biotech Place (BTP) – 5th Floor, Suite 530
**Optional for all interns*

Wednesday, July 23rd

3:30 pm – 5:00 pm

Seminar #8: TBD

Biotech Place (BTP) – Auditorium, 1st Floor

Wednesday, July 30th

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 31st

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 1st

By 12:00 pm

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