

2023 Summer Research Curriculum

Welcome



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2023 Summer Research Curriculum

Presentation	Presenter	Date	Time
Welcome/Student Panel	Katie Duvall; Jada Creasman, Caleb Bazyley, Kenzie Walker, Fiona Whitaker, Sarah Moroz, Drew Millar	Tuesday, June 6	5:00 PM
Medical Library Resources for Research	Medical Librarians	Monday, June 12	1:00 PM
Designing a Research Protocol	Dr. Nicole Lewis	Wednesday, June 21	11:00 AM
Preparing a Manuscript	Dr. Alyson Chroust	Monday, June 26	11:30 AM
Preparing a Case Study	Dr. John Schweitzer	Thursday, July 13	2:00 PM
Poster Design & Presentation Skills	Katie Duvall	Monday, July 17	1:00 PM



2023 Summer Research Curriculum

All sessions will be recorded and posted on the Division of Academic Pediatrics [Research Curriculum](#) page.

You will receive a certificate of completion if you either watch all the live or the recorded series by July 21st.



2023 Summer Medical Student Research Symposium

Wednesday, Sept 27th from 1 – 4 pm in Stanton Gerber Hall.

Everyone is expected to participate. The Symposium has been built into the MS2 schedule.

Monetary awards & certificates will be given to the top 3 presentations in both clinical/population health and basic science research categories.



Available Resources for Research



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Medical Library

- The [ETSU Medical Library](#) Clinical Reference Librarians can assist with literature searches.

Free reference managers such as those listed below assist with managing bibliographies, citations, and references.

[Mendeley](#)

[Zotero](#)

[EndNote](#)



Academic Pediatrics

Division of Academic Pediatrics

- Lots of Resources for Scholarly Activities
 - Board Prep Research & Stats by Dr. Karen Schetzina
 - Scholarly Writing & Presenting by Drs. David Wood & Kiana Johnson
 - Case Studies by Dr. Karen Schetzina & Katie Duvall
 - Anatomy & Physiology of a Journal Article by Dr. Karen Schetzina



Analysis Software at ETSU

- Through [AppStream](#) you can access
 - SPSS
 - [SPSS](#) training videos from Missouri State University
 - Minitab
 - R
 - SAS



Graphics Software At ETSU

- Through [AppStream](#)
 - SPSS “Chart Builder”
 - SAS “OD Graphics Designer & Editor”
 - Minitab “Graph”
- [Tableau Graphics](#)
 - Free for students and instructors



Ballad IRB Process for Case Studies

- Investigators need to submit
 - [ETSU Form 129](#)
 - ETSU Letter of Determination of Not Human Subjects Research, and
 - Ballad Human Subjects Research Determination Form

I'm available for assistance with the process



Tips



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Tips for a Successful Experience

- Ask to read the protocol
- Weekly meetings
 - Helpful to stay on track and keep mentor informed
- Consider using a shared folder for work
 - (OneDrive, Teams, Google Drive, Dropbox)
 - No PHI can be stored on any cloud service



Tips for a Successful Experience

- Discuss your goals and desired outcomes for this experience
 - (i.e. learn about patient recruitment for research, present an abstract at a meeting, co-author manuscript, etc)
- Reach out to students who worked with your mentor last year



Presentation & Publications



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Presentation Opportunities

- Dept of Pediatrics Annual Trainee Poster Competition
 - Abstract deadline July, 10th
- [Rural Health Association of Tennessee \(RHAT\)](#)
 - Abstract deadline Oct, 16
- [Appalachian Student Research Forum](#)
 - March/April 2024



Manuscript-Writing Tips & Resources

- [Journal of Clinical Epidemiology Writing Tips Series](#)
- [CDC Guide to Successful Writing and Publishing](#)
- [JANE](#) (Journal/Author Name Estimator) can assist you in identifying journals to target for manuscript submission.
- Download author instructions from journal websites.
- Review a few articles similar in scope, methodology, or topic from journals of interest as examples.



Previous Student Outcomes



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Chelsea Ryan

Journal of Community Health (2018) 43:616–624

<https://doi.org/10.1007/s10900-018-0500-6>

REVIEW



Human Papillomavirus Vaccine Uptake, Knowledge, and Acceptance for Youth: A Systematic Review of Appalachia

Chelsea Ryan¹ · Kathryn L. Duvall² · Emily C. Weyant¹ · Kiana R. Johnson² · David Wood²

Published online: 21 March 2018

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Emmitt Turner

Original Article

Marijuana use in opioid exposed pregnancy increases risk of preterm birth

Darshan S. Shah , Emmitt L. Turner, Alyson J. Chroust, Kathryn L. Duvall, David L. Wood & Beth A. Bailey

Received 24 Mar 2021, Accepted 10 Sep 2021, Published online: 28 Sep 2021

 Download citation  <https://doi.org/10.1080/14767058.2021.1980532>



Hannah Gersch

- **Hannah Gersch** first author on *Can Umbilical Cord Testing add to Maternal Urine Drug Screen for Evaluation of Infants at Risk of Neonatal Opioid Withdrawal Syndrome?* Journal of Maternal-Fetal & Neonatal Medicine
 - Mentor: Dr. Darshan Shah (Peds)



AJ Bethurum

- **AJ Bethurum** presented *Traumatic Arrest: The Unresolved Role of CPR* at the Society of Critical Care Congress January 21-24, 2023 in San Francisco, CA
 - Abstract published in the January supplement of Critical Care Medicine
 - Mentor: Dr. Lou Smith (Surgery)



Divya Agarwal & Monika Jain



Divya Agarwal and Monika Jain received travel awards to present their research at the Southern Society of Pediatric Research Annual Meeting in New Orleans Feb 13 - 15.

Divya Agarwal presented *Postpartum Mental Health in Opioid Use Disorder Women* and Monika Jain presented *Does Integrated Management of Opioid Use Disorder Affect Outcomes of NAS Diagnosis: Results of Preliminary Data*

Mentored by Dr. Darshan Shah



Student Panel



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Panel

- Caleb Bazyler
 - Mentored by Dr. Kevin Breuel
- Jada Creasman
 - Mentored by Dr. Karen Schetzina
- Drew Millar
 - Mentored by Dr. Justin Glass
- Sarah Moroz
 - Mentored by Dr. Marty Olsen
- Kenzie Walker
 - Mentored by Dr. Darshan Shah
- Fiona Whitaker
 - Mentored by Dr. Lou Smith

