Graduate School of Public Health
Department of Human Genetics
HUGEN 2025: Human Genetics Seminar
Fridays, 12:00-1:00 PM
A115 Public Health
Credit Hours: 1

Instructor: Beth Roman, PhD
Office: 3132 Public Health
Phone: 412.624.7006
Email: romanb@pitt.edu
Office hours: By appointment

Course Description
Human genetics seminars present current genetics methodology, theory, and data. Seminars are delivered by experts both within and outside of the Pitt community.

Presentation Mode
Presentation modes are indicated on the schedule (pp. 3-4) but are subject to change. Any changes will be conveyed to you as soon as possible.

IN PERSON = seminar will be delivered live. You are expected to come to the classroom.
HYBRID = The speaker will be in the classroom and the seminar will be broadcast live via Zoom. You may participate from the classroom or a location of your choice.
REMOTE = The speaker will deliver the seminar from a remote location. You may participate from the classroom or a location of your choice.

When applicable, please use this Zoom link:
  Meeting URL: https://pitt.zoom.us/j/92307807208
  Meeting ID: 92307807208
  Passcode: seminar

Learning Objectives
By the end of this course, each student will be able to:
- Understand advanced research and practice topics in Human Genetics
- Become familiar with a variety of presentation techniques
- Ask informed and incisive questions about advanced topics

Teaching Philosophy
This series is an amazing opportunity to learn from experts within and outside of the Pitt community. Attentive listening and participation in the Q&A session is expected. For Zoom presentations, you may enter your question into the chat, but we encourage you to ask your question live at the end of the session.

Required Textbooks/Articles/Readings
No required readings, but CVs, relevant publications, and links will be posted on Canvas. From the home page, click “Presentation schedule and relevant documents.”

Canvas Site
The Canvas site can be accessed via my.pitt.edu:
• **2221 HUGEN 2025 SEC1070 HUMAN GENETICS SEMINAR**

**Class Expectations**
- There are 13 scheduled Hugen seminars this semester. Please make sure to sign in via the QR code, which will be projected and/or on paper at the back of the room. For Zoom presentations, the zoom roster will be used to track attendance. *If you use an alias for zoom or dial in, please let me know your identity so that I can count you as present!*
- With permission of the speaker, we will record these lectures. Be aware that the recording will include any audience participation. The recorded lecture may be used by the instructor and the registered students for internal class purposes and only during the term in which the course is being offered. There is no obligation to participate in the recorded conversation.

**Grading scale**
- S 0-3 seminars missed
- NC 4 or more seminars missed

**Student Performance Evaluation (Assessments and Weights)**
Grading is based on attendance, so do not forget to sign in! Attendance will be logged in Canvas (1 point per seminar). Please check the gradebook and contact me within 1 week if you detect an error.

We expect that you will make every effort to attend sessions. However, if you miss 4 seminars, you may still pass the course. As mentioned above, all sessions will be recorded and available for asynchronous viewing by registered students. You can watch the recording of any 1 of the missed seminars and submit a single paragraph about the seminar. For example, tell me what you found to be the most interesting point, write a question that you would have liked to have asked the presenter, let me know your thoughts on further experiments, etc. Anything that shows that you watched and remained engaged during the seminar is acceptable. If you miss 5 or more seminars, you may only pass if absence was due to extenuating circumstances (as determined on a case by case basis) and if you watch and submit a written paragraph about additional missed seminars.
<table>
<thead>
<tr>
<th>Date</th>
<th>Type</th>
<th>Topic</th>
<th>Presenter</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>8/27/21</td>
<td>HYBRID</td>
<td>Hugen faculty introductions: short talks I</td>
<td>Roman, Shaffer, Kamboh, Diergaarde, Fan, Weeks, Vento, Rodriguez Bey, Demirci</td>
<td></td>
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<tr>
<td>9/3/21</td>
<td>HYBRID</td>
<td>Hugen faculty introductions: short talks II</td>
<td>Minster, Grubs, Finegold, Padiath, Durst, Park, Parker, Deem, Urban</td>
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<tr>
<td>9/10/21</td>
<td>HYBRID</td>
<td></td>
<td>Jonathan Alder, PhD</td>
<td>Assistant Professor of Medicine, PACCM, Pitt</td>
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<tr>
<td></td>
<td></td>
<td>The end of the chromosome and the interface of medicine</td>
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<tr>
<td>9/17/21</td>
<td>IN PERSON</td>
<td>Charles Jonassaint, PhD MHS</td>
<td>Assistant Professor of Medicine, Social Work and Clinical and Translational Science, Pitt</td>
<td>TBA</td>
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<tr>
<td>9/24/21</td>
<td>IN PERSON</td>
<td>Lucas Matthews, PhD (sponsored in partnership with the Center for Bioethics and Health Law)</td>
<td>Postdoctoral Researcher, Columbia University and the Hastings Center</td>
<td>Pygmalion in the genes? On the potentially negative impacts of polygenic scores for educational attainment.</td>
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<td>10/1/21</td>
<td>IN PERSON</td>
<td>Rannar Airik, PhD</td>
<td>Assistant Professor, Pediatrics and Developmental Biology, Pitt</td>
<td>Macrophage depletion mitigates portal fibrosis and cholestatic liver disease in ANKS6-deficient livers</td>
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<td>10/8/21</td>
<td>REMOTE</td>
<td>Matt Keller, PhD (MS and PhD Student Invited Distinguished Speaker)</td>
<td>Professor, Psychology and Neuroscience, University of Colorado-Boulder</td>
<td>What did we learn from 25 years of candidate gene studies in psychiatry?</td>
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<tr>
<td>10/15/21</td>
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<td>No seminar. Fall Break</td>
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<tr>
<td>10/22/21</td>
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<td>No seminar. ASHG meeting</td>
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<td>10/29/21</td>
<td>IN PERSON</td>
<td>Samantha Rosenthal, PhD</td>
<td>Assistant Professor, School of Dental Medicine, Pitt</td>
<td>TBA</td>
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<tr>
<td>Date</td>
<td>Time</td>
<td>Speaker</td>
<td>Title</td>
<td>Details</td>
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<td>11/5/21</td>
<td>IN PERSON</td>
<td>Anthony Anzell, PhD</td>
<td>Postdoctoral Researcher, Human Genetics, Pitt</td>
<td>Hereditary hemorrhagic telangiectasia: A patient perspective</td>
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<td>11/12/21</td>
<td>IN PERSON</td>
<td>Amantha Thathiah</td>
<td>Assistant Professor, Neurobiology, Pitt</td>
<td>TBA</td>
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<tr>
<td>11/19/21</td>
<td>IN PERSON</td>
<td>Lina Ghaloul-Gonzalez, MD</td>
<td>Assistant Professor, Pediatrics, Pitt</td>
<td>TBA</td>
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<td>11/26/21</td>
<td></td>
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<td>No seminar. Thanksgiving</td>
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<tr>
<td>12/3/21</td>
<td>IN PERSON</td>
<td>Gillian Hooker, PhD, ScM, LCGC (GC-Student Invited Distinguished Speaker)</td>
<td>Vice President for Clinical Development, Concert Genomics; President, NSGC</td>
<td>TBA</td>
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<tr>
<td>12/10/21</td>
<td>IN PERSON</td>
<td>Deepa Rajan, MD</td>
<td>Assistant Professor, Pediatrics, Pitt</td>
<td>TBA</td>
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Accommodation for Students with Disabilities
If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and Disability Resources and Services, 140 William Pitt Union, 412-648-7890 as early as possible in the term.

Academic Integrity Statement
All students are expected to adhere to the school’s standards of academic honesty. Cheating/plagiarism will not be tolerated. The Graduate School of Public Health’s policy on academic integrity, which is based on the University policy, is available online in the Pitt Public Health Academic Handbook [www.publichealth.pitt.edu/home/academics/academic-requirements](http://www.publichealth.pitt.edu/home/academics/academic-requirements). The policy includes obligations for faculty and students, procedures for adjudicating violations, and other critical information. Please take the time to read this policy.

(See [https://www.publichealth.pitt.edu/home/academics/academic-requirements/academic-integrity-and-plagiarism](https://www.publichealth.pitt.edu/home/academics/academic-requirements/academic-integrity-and-plagiarism) for specific information on academic integrity.)

Sexual Misconduct, Required Reporting, and Title IX Statement
The University is committed to combating sexual misconduct. As a result, you should know that University faculty and staff members are required to report any instances of sexual misconduct, including harassment and sexual violence, to the University’s Title IX office so that the victim may be provided appropriate resources and support options. What this means is that as your professor, I am required to report any incidents of sexual misconduct that are directly reported to me, or of which I am somehow made aware.

There are two important exceptions to this requirement about which you should be aware:

A list of the designated University employees who, as counselors and medical professionals, do not have this reporting responsibility and can maintain confidentiality, can be found here: [https://www.diversity.pitt.edu/civil-rights-title-ix/make-report/report-form](https://www.diversity.pitt.edu/civil-rights-title-ix/make-report/report-form)

An important exception to the reporting requirement exists for academic work. Disclosures about sexual misconduct that are shared as part of an academic project, classroom discussion, or course assignment, are not required to be disclosed to the University’s Title IX office.

If you are the victim of sexual misconduct, Pitt encourages you to reach out to these resources:

Title IX Office: 412-648-7860
SHARE @ the University Counseling Center: 412-648-7930 (8:30 A.M. TO 5 P.M. M-F) and 412-648-7856 (AFTER BUSINESS HOURS)

If you have a safety concern, please contact the University of Pittsburgh Police, 412-624-2121.

Other reporting information is available here: [https://www.diversity.pitt.edu/civil-rights-title-ix-compliance/make-report](https://www.diversity.pitt.edu/civil-rights-title-ix-compliance/make-report)

Diversity Statement
Pitt Public Health Diversity Statement | Effective Academic Year 2021-22

The University of Pittsburgh Graduate School of Public Health considers the diversity of its students, faculty, and staff to be a strength and critical to its educational mission. Pitt Public Health is committed to creating and fostering inclusive learning environments that value human dignity and equity and promote social justice. Every member of our community is expected to be
respectful of the individual perspectives, experiences, behaviors, worldviews, and backgrounds of others. While intellectual disagreement may be constructive, no derogatory statements, or demeaning or discriminatory behavior will be permitted.

If you feel uncomfortable or would like to discuss a situation, please contact any of the following: the course director or course instructor;

- the Pitt Public Health Associate Dean responsible for diversity and inclusion;
- the University’s Office of Diversity and Inclusion at 412-648-7860 or
  (anonymous reporting form)

**Health and Safety Statement**

During this pandemic, it is extremely important that you abide by the public health regulations, the University of Pittsburgh’s health standards and guidelines, and Pitt’s Health Rules. These rules have been developed to protect the health and safety of all of us. Universal face covering is required in all classrooms and in every building on campus, without exceptions, regardless of vaccination status. This means you must wear a face covering that properly covers your nose and mouth when you are in the classroom. If you do not comply, you will be asked to leave class. It is your responsibility have the required face covering when entering a university building or classroom. For the most up-to-date information and guidance, please visit coronavirus.pitt.edu and check your Pitt email for updates before each class.

If you are required to isolate or quarantine, become sick, or are unable to come to class, contact me as soon as possible to discuss arrangements.