**The Health Profession Research Fellows Program**

**What is it?**  The HP Research Fellows Program is a two-semester intensive research opportunity for State High students in collaboration with the College of Health and Human Development at Penn State.  Students will spend **at least 10 hours per week for the entire school year** on campus doing research.  They will be enrolled in “Health Profession by Appointment” at State High, and receive two credits at the high school, and have the option to receive two Penn State Credits for the 2019-2020 academic year.

In order to receive Penn State Credit, any student in the program must apply and be accepted as a non-degree student at Penn State.  The student must then enroll in a one credit Penn State class (HHD496) each semester. Your grade in both the high school and Penn State class will be based upon biweekly journal entries, quarterly research descriptions or presentations, and an evaluation by the professor in charge.

Students may also simply volunteer. Volunteering allows students to gain the same experience without the added cost of paying Penn State tuition.  Of course, research volunteers will not receive Penn State credit, but are still eligible for high school credit.

**Who is eligible?**  In order to be considered you must fulfill the following requirements:

* Be entering your junior or senior year at State High
* Have completed Biology I or Advanced Biology with a 3.0 or better, have taken or be currently enrolled in Chemistry I or Advanced Chemistry, completion of at least 1 credit of Health Professions classes with a 3.0 or better
* Have excellent attendance and disciplinary records.
* If you are seeking college credit you must be willing to apply to Penn State as a non-degree student and enroll as a non-degree student.  THE COST OF ENROLLMENT IN THESE CLASSES MUST BE COVERED BY YOU. If cost is an issue for you, consider applying for a scholarship to the Richard A. Queeney Memorial Fund.
* Be able to provide your own transportation to Penn State.
* Be willing to complete various lab certifications through Penn State
* Have your parents’ permission.

**How do I apply?**

* Look at the websites for the participating labs, and decide which subjects interest you most.
* Submit the attached application, a resume and a transcript by **February 1 at 3:15 PM TO KATHY SEELAND IN ROOM  A304**.
* Have a teacher complete the teacher recommendation form and return it directly to Kathy Seeland
* You will be contacted for an interview. We intend to interview in mid to late February.
* You will be notified whether you have a match with a professor following the interview process**.**If you have a match, we will schedule an appointment to meet the professor.  If you and the professor agree, you will officially be enrolled as an HP research Fellows

**Possible Participating Professors for the 2019-2020 year**

**(note as of January 29 these are the professors who have committed to work with us next year)**

***Dr. Stephen Piazza : Joint mechanics & Human Performance Laboratory***

***Website:*** <http://sites.psu.edu/fun.ctionalbiomechanicslab/>

***Dr. Laura Murray-Kolb: Iron deficiency and health, especially in mothers and young children.***

***Website:***<http://www.jhsph.edu/chn/faculty/profiles/murraykolb.html>

***Dr. Mark Sciegaj:  The healthcare system and long-term services, especially for the aged.***

***Website***: <http://www.hhd.psu.edu/hpa/directory/Bio.aspx?id=MarkSciegaj>

***Dr. Jennifer Savage-Williams: Childhood obesity prevention***

***Website:***<http://www.hhdev.psu.edu/ccor/>

***Dr. Sue Rutherford Siegel: Genetic and genomic basis of variation***

<https://hhd.psu.edu/contact/sue-rutherford-siegel>

***Dr. Kathleen Keller: Eating Behaviors in Young Children***

***Website:*** <http://foodscience.psu.edu/directory/klk37>

***Dr. Nikki Etter: Orofacial Physiology and Perceptual Analysis Laboratory (OPPAL)***

***Website:*** (<https://hhd.psu.edu/nicole-etter>)

***Dr. Steve Branstetter:  Smoking and Health Behavior Laboratory***

(<https://hhd.psu.edu/bbh/research/research-labs-and-initiatives/smoking-and-health-behavior-research-laboratory>)

***Dr. Nikki Crowley:*** ***Understanding behavioral and physiological brain states involved in a variety of neuropsychiatric disorders, such as anxiety and addiction.***

***Website:*** (<https://www.nikkicrowley.org/>)

***Dr. Sonia Cavigelli : The effect of temperament and social status on stress and health***

***Website:*** [bbh.hhdev.psu.edu/lab/behavioral-neuroendocrinology](http://bbh.hhdev.psu.edu/lab/behavioral-neuroendocrinology)

\*\*\*\*\*\*\*NEW AS OF FEBRUARY 4th \*\*\*\*\*\*\*\*\*\*\*

***Dr. Melissa Bopp: Physical Activity and Public Health Laboratory***

<http://sites.psu.edu/paphlab/staff-page/>

***Dr. Lesley Ross:*** [***The Study of Healthy Aging and Applied Research Programs***](https://www.shaarp.org/)

<https://www.shaarp.org/>

***Dr. Krista Wilkinson: The Laboratory for the Study of Visual Supports in Communication and Education***

<https://hhd.psu.edu/contact/krista-wilkinson>

***Dr. Hannah Schreier: The ways in which the social and physical environments that surround us relate to important physiological outcomes***

<https://sites.psu.edu/hannahschreier/>

***Dr. Helen Kamens:*** [***Behavior Neurogenetics Laboratory*** https://sites.psu.edu/helenkamens/helen-kamens/](https://sites.psu.edu/helenkamens/helen-kamens/)

***Dr. Amy Shedra Snipes:*** [***BioQualitative Laboratory*** https://hhd.psu.edu/bbh/research/research-labs-and-initiatives/bioqual](https://hhd.psu.edu/bbh/research/research-labs-and-initiatives/bioqual)

**Health Professions Research Fellows Application**

|  |  |
| --- | --- |
| Name |  |
| Student number |  |
| Complete Address |  |
| Home Phone |  |
| Student Cell Phone |  |
| Student Email |  |
| Parent/Guardian Names |  |
| Parent/Guardian Employer |  |
| Parent/Guardian Work and Cell Numbers |  |
| Student Date of Birth |  |
| Please describe your reasons for wishing to participate in this class.  Please include your long-range educational and career goals. |  |
| Please list your top three lab choices, in order of preference. |  |
| How would you honestly rate your current level of responsibility and independence in regards to academics/schoolwork? |  1                 2                 3                4                      5Low                           Average                                    High |
| Please note that this is a unique opportunity for you, but you also need to effectively contribute to the productive work of the lab.  The lab will be investing a lot of time and effort in training you so you need to be able to commit to a solid 10 hours per week consistently over both the fall and spring semesters.  You need to consider your course load and commitments outside of school and be reasonable in what you take on. Please list any outside commitments/activities you participate in below.By submitting this application, I affirm that the facts set forth in it are true and complete.  I understand that if I am accepted into the HP Research Fellows Program, any false statements, omissions, or other misrepresentations made by me on this application may result in my immediate dismissal.I agree: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_               Name                                                           DateParent Guardian:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_                            Name                                                   Date  |

**Health Professions Research Fellows Program: Recommendation Form**

**What is it?**  The HP Research Fellows Program is a two-semester intensive research opportunity for State High students in collaboration with the College of Health and Human Development at Penn State.  Students will spend **at least 10 hours per week for the entire school year** on campus doing research.  They will be enrolled in “Health Profession by Appointment” at State High, and receive two credits at the high school, and have the option to receive two Penn State Credits for the 2019-2020 academic year.

Student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher Evaluating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-

THANK YOU for your time in completing this recommendation for us.

Has this student performed well in your class?

Do you believe this student has the ability and maturity to effectively participate in a research lab at Penn State?

Does he or she show an exceptional level of responsibility?

Would you have any hesitation in sending this student to campus as a representative of State High?