Informed Consent

Welcome to the Kenyon Physics Alumni Survey. We appreciate your willingness to participate.

This 10-15 minute survey is designed to identify the satisfactory areas of the major and what areas need improvement. Your participation is voluntary and confidential.

If you have any questions regarding this survey or the Physics Program, please contact Paula Turner, Professor of Physics at 740-427-5466 or turnerp@kenyon.edu. If you have any questions regarding the survey results or your participation in this survey, please contact Erika Farfan, Director of Institutional Research at 740-427-5571 or farfane@kenyon.edu.

Which of the following best describes your current primary activity?

- Employed, full-time, part-time or in multiple jobs
- Attending graduate or professional school, full or part-time
- Actively looking for employment
- Starting a business/self-employed
- Traveling
- Staying at home to be with or start a family
- Serving in the armed forces
- Retired
- Other

In what field is your current primary activity?

- Physics
- Engineering
- Computational but non-physics
- Something else

At what point did you secure your first paying job after graduating Kenyon?

- While enrolled as an undergraduate.
During the first six months after graduation.
More than six months after graduation.
I have not yet sought a paying job; I am a full-time student or engaged in other activities.

What other degrees are you currently pursuing, have started, or completed since leaving Kenyon College? (Check all that apply.)

<table>
<thead>
<tr>
<th>Degree you hope to attain in the future</th>
<th>Degree received</th>
<th>Currently enrolled or working towards</th>
<th>Do not plan to pursue</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.A./B.S. (Other than Kenyon degree)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Master's degree such as MA, MBA, MS. etc.</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Doctoral degree (Ph. D)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Professional Degree (MD, DDS, JD, DVM, etc.)</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Other</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

To what extent has your understanding of physics been useful to you in the following activities?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Very little</th>
<th>Somewhat</th>
<th>Sufficiently</th>
<th>Considerably</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate or professional school</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Current career</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Continued learning on my own or outside of a new degree</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

**Current Employment**

What is the name of the primary organization with which you're currently employed? (Name of company, business, or other employer.)
What is your current job title or position at this employer?

Please indicate whether each of the following descriptions apply to your current job. (Check all that apply).

- Uses important skills I gained as an undergraduate
- Pays enough to support my desired lifestyle
- Allows me to continue to grow and learn
- Pays health insurance
- Is likely to continue until I wish to leave
- Is related to my desired career path
- Overall, is a satisfying job

How effective was Kenyon physics at preparing you for employment?

- Very ineffective
- Ineffective
- Neither effective nor ineffective
- Effective
- Very effective

Would you like the information from only the above career questions on this page to be used to update your profile with the Kenyon Alumni Office? If you answer yes, only your industry and occupation information will be forwarded to them to update.

- Yes
- No

Further Education
Please list the name(s), enrollment date(s), and school(s) you are attending or have attended.

How effective was Kenyon physics at preparing you for graduate school overall?

- Very ineffective
- Ineffective
- Neither effective nor ineffective
- Effective
- Very effective
- N/A

How effective was Kenyon physics at preparing you for these common graduate school experiences?

<table>
<thead>
<tr>
<th>Activity</th>
<th>Very ineffective</th>
<th>Ineffective</th>
<th>Neither effective nor ineffective</th>
<th>Effective</th>
<th>Very effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collaborating with other graduate students</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Collaborating with faculty members</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Oral presentation of your academic work</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Written presentation of your academic work</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Integrating ideas across your discipline</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Critical reading of your discipline's research</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

What aspects of graduate school did you find or are finding especially challenging, if any?
## Program Analysis

How satisfied were you with the following aspects of the Kenyon Physics Program?

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Very Dissatisfied</th>
<th>Somewhat Dissatisfied</th>
<th>Somewhat Satisfied</th>
<th>Very Satisfied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opportunities to take a variety of upper level physics courses.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Opportunities to take non-physics classes.</td>
<td></td>
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</tr>
<tr>
<td>Academic advising related to physics courses.</td>
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<tr>
<td>Advising about career and future plans.</td>
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<tr>
<td>Opportunities for degree-related projects or research.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opportunities for degree-related internships or work.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opportunities to network with alumni and others in the field.</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How much did your physics major contribute to your development of the following skills?

<table>
<thead>
<tr>
<th>Skill</th>
<th>Not at all</th>
<th>Somewhat</th>
<th>Very much</th>
<th>Did not acquire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral communication of scientific knowledge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Written communication of scientific knowledge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Critical reading of scientific sources</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
What statement best describes your current use of computing technology in your primary activity (career, grad school, staying at home, etc.)?

- I do not use computers or computing technology at all in my primary activity.
- I’m a casual user of computing technology. I need to use a program or computer for my primary activity but it's only a small component of what I do.
- I am active user of technology. I regularly use email, social media, a computer or smart phone, etc. in my primary activity.
- I am an advanced user and, though I don’t build it from scratch, I frequently customize hardware or software in order to get done what I need.
- I am a producer of computing technology. I create software or hardware as a part of primary activity.

Which of the following skills did you learn at Kenyon? (Check all that apply.)

- Introductory computer programming
- Computer science courses beyond introductory programming
- Numerical simulations
- Model fitting
- Data analysis

How useful would it be to your current primary activity to have learned the following material at Kenyon?
<table>
<thead>
<tr>
<th>Aspect</th>
<th>Not at all useful</th>
<th>Slightly useful</th>
<th>Moderately useful</th>
<th>Very useful</th>
<th>Extremely useful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory computer programming</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer science courses beyond introductory programming</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numerical simulations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model fitting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data analysis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please indicate your agreement in regards to each of the following aspects of the Physics community.

I felt that social events/extra-curriculars such as colloquiums, annual trips, and physics conferences, were a way to bolster my physics knowledge and foster better relationships with peers and faculty.

I felt support and encouragement from peers and faculty members outside the classroom (group work, office hours, etc.).

I felt like I fit in with and was part of the Physics community.

I was able to take enough computational courses to be prepared for my current primary activity.

Strongly disagree
Disagree
Neither agree nor disagree
Agree

Strongly agree
Strongly agree

I was able to take enough lab courses to be prepared for my current primary activity.
Strongly disagree
Disagree
Neither agree nor disagree
Agree
Strongly Agree

I was able to take enough upper level theory courses to be prepared for my current primary activity.
Strongly disagree
Disagree
Neither agree nor disagree
Agree
Strongly agree

What advantages do you think the Kenyon Physics Program put you at compared with your peers?

What disadvantages do you think the Kenyon Physics Program put you at compared with your peers?

Were there any courses in the Kenyon Physics Department that you wish you could have taken but were not offered?
Overall, what is the reputation of the Kenyon Physics Program among your peers?

Strongly unfavorable
Unfavorable
Indifferent
Favorable
Strongly favorable
They don't know anything about Kenyon

**Campus Activities**

Please indicate your level of participation in the following activities.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Yes, I participated during the summer or school year</th>
<th>No, I did not participate but I wanted to</th>
<th>No, I did not participate and I did not intend to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus study (study abroad or semester at another domestic school)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Internship/Externship</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Summer Science or Legal Scholars</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>REU</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Independent Study</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Scholarly collaboration with faculty outside of class</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Please give us more details about your experience in any of the previously listed activities (off-campus study, internship, externship, summer scholars, independent study or faculty collaboration) like the location, organization, or program.
What barriers, if any, kept you from participating in any of the previously listed activities (off-campus study, internship, externship, summer scholars, independent study or faculty collaboration)?

General Kenyon

If I knew a high school student who showed interest in Kenyon, I would strongly recommend that he or she apply.

Strongly disagree
Disagree
Neither agree nor disagree
Agree
Strongly agree

If I had it to do over again, I would still choose to major in physics at Kenyon.

Strongly disagree
Disagree
Neither agree nor disagree
Agree
Strongly agree
This is the final page of the survey. By submitting this page you are submitting your responses to this survey.