

海外先進教育実践支援プログラム  
研修セミナー

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# スワスマア大学における 初年次教育の取り組み

●日時 2006年12月13日(水)10:30~

●場所 駒場キャンパス  
101号館2F研修室

\*通訳なし(用語:英語)

# A Brief Introduction to Swarthmore College

Founded in 1864 by the  
Society of Friends  
(Quakers) who believed that  
to “know God’s world” and  
be a responsible citizen one  
must be educated.





As their name suggests, the “Society of Friends” (the Quakers) are known for their egalitarian philosophy.

The egalitarian philosophy of Quakers is illustrated by many of their practices:

- decisions by consensus
- equality of men and women (College founded as co-ed)
- equality of races (abolitionist activities operated from the College, connection to the “underground railroad”.)
- pacifist beliefs and actions, contentious objectors

Swarthmore College is not now formally Quaker, but these philosophies are the background of our community.

# What is Swarthmore College like?

Located a 30 minute train ride from Philadelphia (1.5 million people)



in the town of Swarthmore  
(population about 6,000).



# What is Swarthmore College like?

About 1400 students total, all undergraduates

95% live on campus

The students are diverse and academically excellent













## Our goals for first year students:

- To become effective, productive members of the community
- To define and achieve their academic and personal goals
- To have the opportunity to meet challenges, and broaden and enrich their sphere of knowledge
- To develop their abilities in critical thinking and writing
- To have fun.

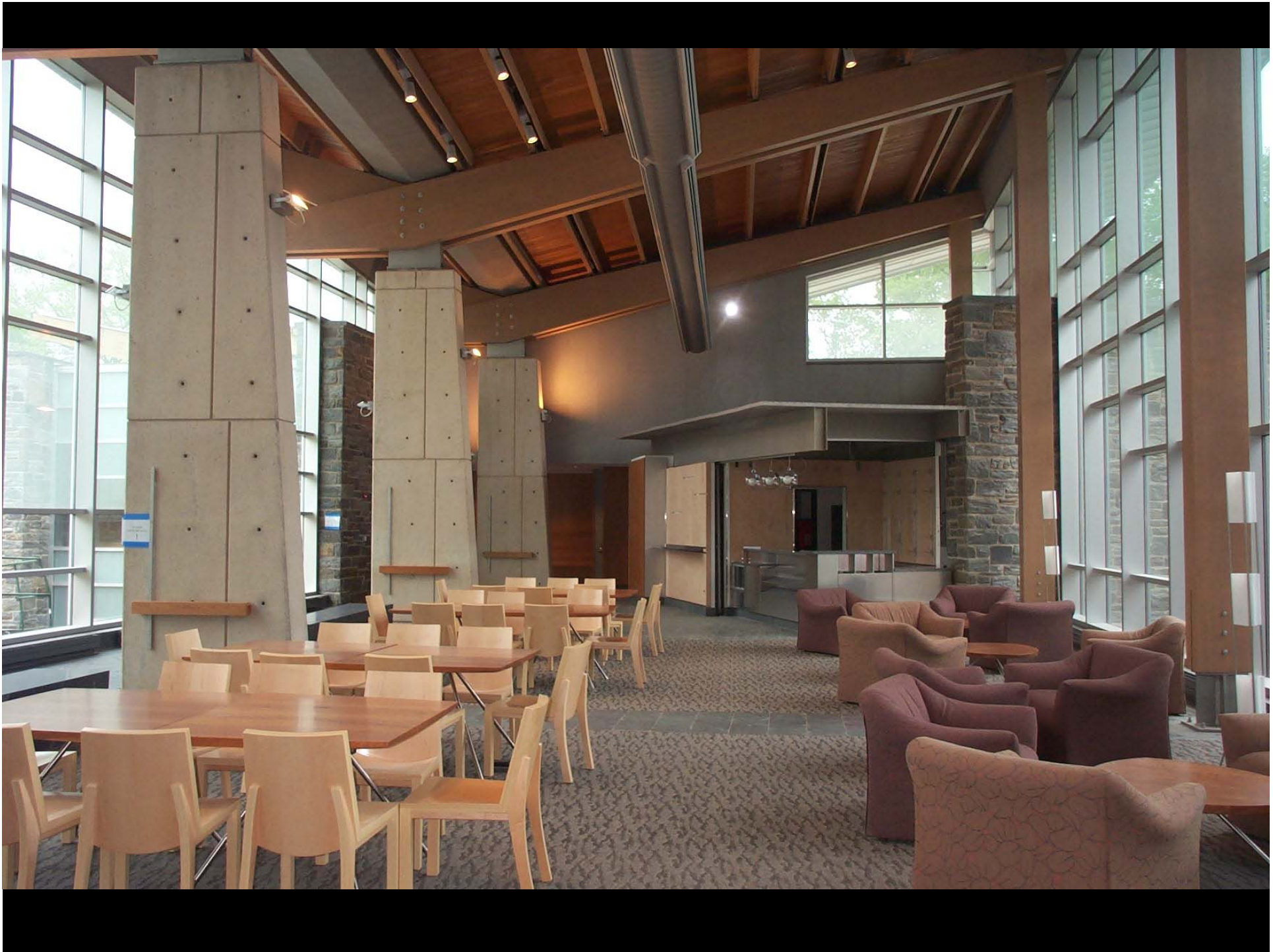
How does this happen?

# Orientation Week - the beginning

- First year students arrive 1 week before classes when very few other students are on campus.
- Meet their classmates (who often become their most important influence, life-long friends and sometimes spouses)
- Become familiar with the physical space
- Meet with academic advisors and plan their first semester.

Allows new students to “own” the campus before it is filled with older students. Mirrored by senior week before graduation.











# Important people for making the first week (and year) a success:

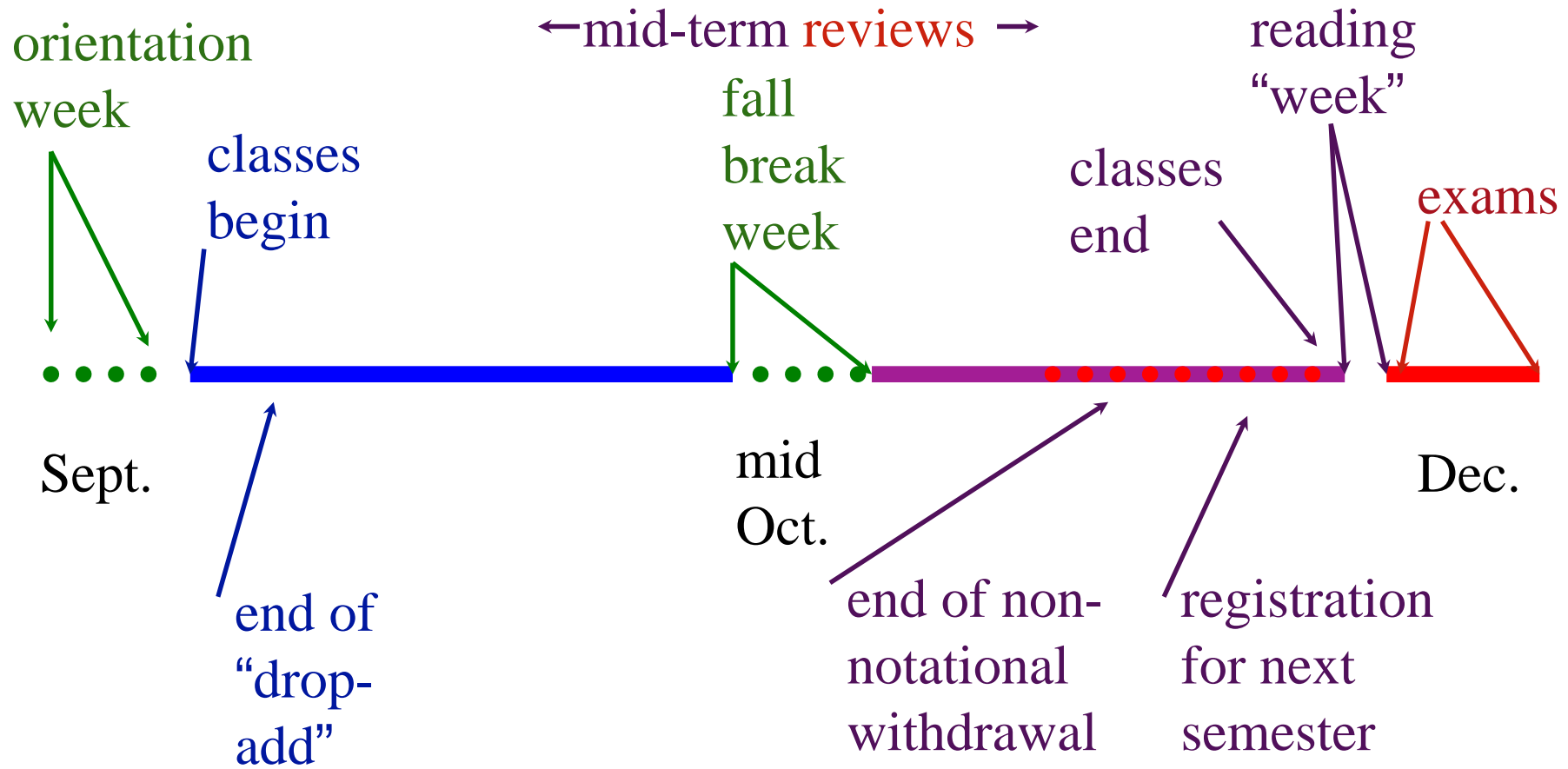
the Dean of Students and Registrar - central organizers

academic advisors - usually faculty members

resident assistants - senior students who live in each dorm

student academic mentors - older students who help first year students with questions about choosing classes, study methods, access to academic resources (writing center, tutors etc.)

# Time line of first semester:



\* Indicates typical times when student sees their academic advisors

## Peer-based Resources:

- students who have been nominated by faculty for their accomplishments in an area (writing, science, study skills)
- students are trained in how to be an effective peer reviewer or peer teacher
- these trained “associates” are assigned to a particular class or may work from a central location.

## Science Associates as an example



# Special Academic Treats for First Year Students: First Year Seminars

- Each first year student is invited to take one seminar in their first year.
- These seminars are open only to first year students and enrollment is limited to 12. The seminars meet once a week for 3 hours.
- Seminars are based on students presenting the material.
- The goal is to have students become discriminating learners, to become apt at supporting or refuting an argument based on evidence, to recognize when ideas are in conflict. To become skilled at teaching others and in so doing learn for themselves.





PROTEROZOIC (25-057) bya

Oxygen becomes present in the atmosphere 2.2 bya

2.2 bya

EUKARYO BEGIN THE REIGN

Increased O<sub>2</sub> in atmosphere (oxidized pyrite)

SEE Cambrian explosion

570

570-540

30 mya



# PALEOZOIC (570-245 mya)

# MESOZOIC (245-65 mya)

Ordovician (505-438)

Silurian (438-408)

Devonian (408-360)

Carboniferous (360-286)

PERMIAN (286-245)

TRIASSIC (245-200)

JURASSIC (200-145)

CRETACEOUS (145-65)

470

FIRST FISH SWIM

MASS EXTINCTION

-Global Cooling  
-glaciation  
-57% marine life GONE!!



420

FIRST INSECTS

VASCULAR PLANTS

408

FIRST JAWED FISHES



360

286

FIRST REPTILES

245

245

DINO







