By popular request: **No StickWorld!**

see page none

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**THE CALIFORNIA TECH**

**VOLUME XCIX, NUMBER 2**

**PASADENA, CALIFORNIA**

**FRIDAY, SEPTEMBER 26, 1997**

Freshman destination: camping out on Catalina Island

**BY DALE DEBARCSY**

It was with both eagerness and sadness that the freshman class said farewell to Catalina on Wednesday, the twenty-fourth of September, thereby ending their time at Fresh Camp. They had spent three days and two nights upon this island learning not only the methods by which they might survive the academic rigors of Caltech, but also how they might conquer the myriad of social issues with which they will be confronted in the years to come.

The string of events known collectively as "Fresh Camp" began at 8 a.m. on the morning of the twenty-second. At this time the freshman class and their overseers gathered upon the Athenaeum lawn to consume a bit of breakfast and some dramamine before their voyage over land and sea to Catalina Island. This grand trek by bus and by boat having been completed, the campers found themselves confronted with their new home, the rustic Camp Fox.

In between basking in the cool waters of the near-by ocean and hiking over and around the surrounding hills, the new freshmen found themselves presented with three programs aimed at anticipating and answering their questions about their new life at college. The subjects dealt with thereby included the nature and application of the Honor Code, the common social problems encountered at Caltech, and the rising danger presented by AIDS and the methods of avoiding it.

In addition to being presented with images and ideas, the campers were themselves given the opportunity to present.

The first such instance was a design contest wherein, given delivered but common garbage with which to work, the budding young engineers were to create a tactical transport vehicle (known to most as a "boat") with the capacity to carry a crew of five plastic farm animals a distance of ten feet.

Following upon this prodigious display of scientific merit was the slightly less inspiring, yet equally entertaining phenomenon known as the "talent show". It was here that the incoming class was presented for the first time with their alma mater and with the true level of craziness of their fellow students. Alternating between the classical strains of Beethoven's "Moonlight" sonata, juggling acts, and cosmic theater, the show was a true embodiment of the diverse natures and personalities of the

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New group: Getting into treble

**BY TECH STAFF**

Even with a door closed, twenty-some girls can make a lot of noise. The Treble Makers is Caltech's newest women's a capella group. They will be performing a free, informal concert this Sunday evening in Danielson Lounge at 7:30 PM. Formed early this summer by Theresa Lynn, a graduate student in physics, they sing mostly contemporary music often arranged by its members. Composed mainly of women already involved with other Caltech performing arts groups, the Treble Makers offers its members a refreshing, relaxed small group setting for singing.

Although truth and merit echo musically through the hallways in the Student Activities Center (SAC) as often as singing when the Treble Makers meet for practice, the group is serious enough that challenging material can be worked through, with the accomplished members assisting the novices.

Members of the group are interested in singing more challenging selections that range from classical to popular. The Treble Makers are a diverse group, drawing from many segments of the Caltech community. Undergrads, Caltech Staff, JPL employees, and graduate students all participate. Clara Chan, a JPL software engineer for NASA's Deep Space Network, designed the Treble makers logo. ITS computer analyst Carolyn Gray has managed performance venues. Patricia Wrean created the attire for the Treble Makers' upcoming concert.

The Treble Makers premiered earlier this summer at the home of Margaret Lambert. This concert included a farewell to founding member Lila Guterman as she has left Caltech and the LA area for graduate work at UC Santa Cruz.

The concert will be held this Sunday (October 28) in Danielson Lounge with light desserts afterward. Anyone wishing to join the Treble Makers can look at their web page (http://www.cco.caltech.edu/~treble) for the next rehearsal time, or email thersa@cco or ticket@cco.

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New Rotation Rules

The Rotation Rules listed in the little *t* are not correct. The new official ones were handed down by the IHC and are printed in their full glory detail on pages 7 and 8. For those of you already familiar with the Rules, here is the text of the two additions.

These changes were made in an attempt to clarify the Rotation Rules. For more information or to register your opinion, please talk with your house president or IHC Chair Lori Hu.

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Change 1

Note: Driving freshman beyond walking distance is determined to be extraordinary and is prohibited. Walking distance is determined by IHC to be anywhere less than the distance from Campus to the far border of Old Pasadena. To avoid confusion, accompanying freshman on excursions to places beyond Old Pasadena is also prohibited.

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Change 2

Freshman are not to seek information about picks. Procedures should be treated with the same secrecy as a closed book exam.

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U.S.: At last, mining our own business

Many American troops recently breathed a huge sigh of relief as President Clinton made the intelligent decision not to sign the Land Mine Treaty. For those of you who have not read this section in the past, I am not President Clinton's most ardent fan. However, by not giving in to international pressure or to the pain he must have felt due to Diana's death, he has done the people of Korea, our own men in uniform, and possibly innocent civilians everywhere a great service.

In general, land mines are not for the greater good. Thousands have been killed and maimed in places such as Uganda due to land mines, especially anti-personnel mines. And yes, the world would be a better place if land mines were not sold in the middle of civil wars and insurgencies. However, this is not the case on the heavily armed, highly tense Korean peninsula.

The Korean peninsula was the main reason that Clinton held out against the Land Mine Treaty. For better or for worse, land mines are an instrumental part of our defense in Korea. Due to the fact that North Korea has one of the largest armies (in terms of manpower), the sad truth is without anti-tank and anti-personnel mines the North Korean Army could easily invade Seoul before America could react, and possibly take the entire peninsula. This would turn there taking of South Korea into a very bloody business as North Korea will be in hoping America's will breaks before their defensive lines do.

Land mines are instrumentalf in stopping the North from overwhelming the South in an invasion. We need anti-tank mines in order to stop the basic unit of North Korean land power, their Russian tank platoons. And, unfortunately, to stop the North Koreans from simply sweeping up these mines, we need the anti-personnel lines that the diplomats in Europe have decided are illegal and morally unacceptable. The mines we have in Korea, far from being a danger to the people of South Korea, have kept them safe for the last forty years from an invasion from the North, a nation which are still technically at war.

Some might point out that with our troops there at this time, the land mines are not necessary, and that by ridding ourselves of them we are setting a good moral precedent for the world. This is wrong on three counts: First, wars are avoided by the projection and presence of force, preferably overwhelming force. As long as we have a force in South Korea that the North knows they can not defeat, we can be practically certain that the North will not attack. Furthermore, were we to submit to a lessening of our defenses, this would be sending exactly the wrong signal to North Korea, a nation not known for rational actions or, at the moment, internal stability. Before the Korean War, the U.S. accidentally sent the wrong signal to North Korea by forgetting to mention it on a verbal list of America's vital interests in the Western Pacific. Standing down in Korea would be a much more flagrant signal to North Korea.

Finally, viewing this as a moral precedent is a little bit naive considering the powers which are not entering the treaty (India, Russia, and China being some of them), the treaty has very little authority over the countries who produce or use land mines. The treaty does not involve the countries which actually use land mines; it is more a feel-good effort to stem the guilt from seeing the countless pictures of maimed children and a need to memorialize Princess Diana's death (which probably should be used to stop us from using seatbelts, as the only person who survived the crash was wearing his).

For the sake of our soldiers and the people of Korea, we should thank President Clinton for once taking a firm stand in the defense of freedom.

Please send submissions for letters to the editor to

The California Tech
Caltech 40-58
Pasadena, CA 91125
or by electronic mail to
editors@tech.caltech.edu

Deadline for submissions is Monday at 5 p.m. on the week of publication. The editors reserve the right to edit or refuse to print any letter for any reason.
Smoke from forest fires in Indonesia, Sumatra and Borneo is blanketing Southeast Asia with a thick unbeatable haze. Shipping has been disrupted, schools have closed, and many are suffering health problems due to the smoke. The fires are due to illegal slash and burn land clearing by hundreds of Indonesian and Malaysian companies.

The California Tech South East Asia with a thick Smokey companies, unbreathable haze. Shipping has been Sumatra and Borneo is blanketing Indonesia and Malaysian disrupted, schools have closed, and many are suffering health problems due to the fires. The fires are due to illegal slash and burn land clearing by hundreds of Indonesian and Malaysian companies.

Jerusalem, Israel — Prime Minister Benjamin Netanyahu promised construction of 300 new homes for settlers in the West Bank. Just two weeks ago however, Madeleine Albright met with leaders in Israel urging them to hold off on further construction and other measures which anger Palestinians.

Algiers, Algeria — Tuesday at least 85 people were killed and 67 wounded in another unexplained attack on the outskirts of Algiers. This is the second worst massacre since the beginning of the six year long, undeclared civil war. Madani Mezrag, the commander of the Army of Islamic Salvation declared a cease fire the following day and ordered his guerrilla forces to “stop combat operations from Oct 1,1997.”

London, United Kingdom — The sentencing in Saudi Arabia of one British nurse to eight years in prison and 500 lashes, and another to death, possibly by beheading, has created the most serious diplomatic crisis between Saudi Arabia and Britain in years. The two were accused of collaborating to murder a fellow nurse from Australia. The British are questioning not only the sentencing, but the entire procedure of the courts and the validity of the verdict itself.

Belfast, Northern Ireland — For the first time since Ireland was divided 75 years ago, Protestant political leaders sat down to negotiations which include Sinn Fein, the political wing of the largely Roman Catholic Irish Republican Army. David Trimble head of the Ulster Unionist Party demanded expulsion of Sinn Fein from the peace talks to determine the future of Northern Ireland, but British and Irish Governments rejected the demand.

Belgrade, Serbia — For the first time in ten years, the Socialist Party will have to share power with the ultranationalist Radical Party. Elections on Sunday gave approximately equal numbers of parliamentary seats to each party, which means that the Socialist Party will have to form a coalition with the Radical Party or the more moderate Renewal Movement, which led protests against President Slobodan Milosevic last winter.

Moscow, Russia — President Boris Yeltsin announced that the Government would take a stronger role to ensure competition in Russia’s continuing economic development. He stated that powerful business interests have jeopardized the development of free-market competition, causing a yawning gap between the rich and poor.

OUT AND PROUD
Caltech/JPL Outlist
www.caltech.edu/~outlist.html

ACADEMY BARBER SHOP
27 N. Catalina Ave., Pasadena
Open Tues.-Sat., 10 A.M.-1 P.M.
(818) 449-1681

BOSTON CONSULTING GROUP

BCG is a premier management consulting firm specializing in strategy consulting.

All graduating seniors and PhD Graduates interested in consulting should submit a cover letter, resume, transcript, and SAT/GRE scores to Diane Metlauchlin at the Career Development Center.

PhD Graduates
PhD Resume Deadline: November 14, 1997
PhD Round '0' Interviews: December 9, 1997
PhD First Round Interviews: January 6, 1998
PhD Final Round Interviews: January 1998

Graduating Seniors
Associate Resume Deadline: December 5, 1997
Associate First Round Interviews: January 14, 1998
Associate Second Round Interviews: February 17, 1998
Associate Final Round Interviews: March 1998

THE BOSTON CONSULTING GROUP, INC.
The Worldwide Leader in Corporate Strategy
Dean’s Corner

Frost Camp Thoughts

by Jean-Paul Revel

pushed, but ahead of the rain nevertheless. So I am dashing this off in extremis, just before the paper has to go to press.

It was great to see all of you Frost and meet some personal. I have a burning about you. It is probably silly, but each year I form an impression of the incoming students as a group, thinking one can divide a class psyche, attitude, when we have barely arrived, and I barely know you, but I guess it fulfills the human mind’s desire to classify. It is going to be a great class, this first class to graduate in the new millennium.

We did have some real scares at camp though. Particularly when 3 students decided to go on a hike of their own, continuing the Geology walk by themselves. They thought no one would mind. But this was a gross error, we quickly dove through the trees and wiggled beside the pilots of anything that could be a signal, and there was nothing, not a sign of anyone. Just nature and laughing crows and the crash of surf on the rocks and the swooping silent glide of the pelicans trying to surprise schools of minnows. One lady on a yacht called to us but she had seen no one, one person on another yacht quickly dove through the hatch when we came near, wonder what he had to hide.... Oh well....

We worried; several approaches were proposed; several fast climbers like Don Caldwell and Chris Brennan and some of the camp staff started up the hill, we had to make a head count of everyone in camp to figure out whether anyone was really lost and just as we got to the point of knowing who they were, here three gesticulating sticks appeared at the top of the hill picking their way through the brush.

Remember please, do we care and we really need to know about it if you do something of the sort. Being mature means knowing where personal independence has to yield to the group’s society’s needs. Being mature does not mean that there are no more rules to follow, although we all think so when we are small. It means behaving in a way that will not selflessly cause unnecessary anxiety and problems to others (hmmmm the honor code raising its head?).

And if that’s true for an unannounced hike, it is also true for smaller less physically dangerous enterprises. It is true for nearly everything. The spread of AIDS has a lot to do with selfish carelessness. Interpersonal problems have a lot to do with selfish attitudes. The more you look the more you find that every one of us has similar needs but also inhibitions, problems and admitting our needs and talking about them and expressing our fears and worries. Those of us who poop poop it all may well be the most affected of all; they are so afraid to admit they are frail humans that they hide it by acting like superwomen or supermen. So may this be the best year of growth and satisfaction for you.... Wel come to Caltech.

A bién está

Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences

1998 Competition

Fellowships will be awarded for full-time study toward the Ph.D. in the fields of molecular neuroscience, structural biology, epidemiology, or mathematical biology.

Fellowship terms:

- Three-year initial award, with two-year extension possible
- $15,000 annual stipend
- $15,000 annual cost-of-education allowance

Eligibility:

- Less than one year of post-baccalaureate graduate study in biology: full-time college seniors; first year graduate students; M.D., D.O., D.D.S., D.V.M., students or professionals

Schedule:

- Application deadline: November 12, 1997
- Awards announced: early April 1998

For Program Announcements, Eligibility Guidelines, and Applications

For more information, please contact:

Hughes Predoctoral Fellowships

National Research Council Fellowship Office

2101 Constitution Avenue

Washington, DC 20418

Telephone: (202) 334-2872

Fax: (202) 334-3419

E-mail: fellowships@nrc.edu

http://www.nrc.edu

The Howard Hughes Medical Institute endorses applications from all qualified candidates and encourages women and members of minority groups to apply.

Sponsored by:

The Howard Hughes Medical Institute and the University of Chicago.

The information above is a misleading application of the Howard Hughes Medical Institute’s policy of non-discrimination. All qualified candidates are encouraged to apply regardless of sex, race, age, religion, or national origin. Up to 20% of the fellowships are designated for women and members of minority groups.
Hey Frosh! Here are more people you need to know.

BoC Talks...

...Students Sleep
### 1997 Rotation Schedule

**Reading Your Schedule**

**Key to House Names**

- **Bt.** Blacker
- **Da.** Dabney
- **Rt.** Ricketts
- **Ft.** Fleming
- **Lu.** Ruddock
- **Ll.** Lloyd

#### House Days

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#### Dinner Times

- **Bt.** Blacker: 6:05
- **Da.** Dabney: 6:15
- **Rt.** Ricketts: 6:20
- **Ft.** Fleming: 6:30
- **Lu.** Ruddock: 6:45

#### Weekly Dinner Schedule

- **SUN**
  - 6:05: Blacker, Da
  - 6:15: Dabney, Da
  - 6:30: Ruddock, Lu
- **MON**
  - 6:05: Da
  - 6:15: Ra
  - 6:30: Pa
- **TUE**
  - 6:05: Ru
  - 6:15: Ru
  - 6:30: Ru
- **WED**
  - 6:05: Da
  - 6:15: Pa
  - 6:30: Pa
- **THU**
  - 6:05: Da
  - 6:15: Pl
  - 6:30: Pa
- **FRI**
  - 6:05: Da
  - 6:15: Pa
  - 6:30: Pl
- **SAT**
  - 6:05: Da
  - 6:15: Pa
  - 6:30: Pa

#### Notes
- The house you will eat lunch in and the house you will eat dinner in are separated by a colon.
- On Sunday, only lunch is served.
- On Saturday, only lunch is served.
- Your Saturday lunch should be in the house you are rotating out of.
# Rotation Rules

Editor's Note: Changes to the rotation rules are indicated in boldface type. These changes do not appear in the 1997-98 little t.

## 1. Preamble

The rotation system has evolved over the years as the best method to distribute new students among the Houses. Each new student is given a voice in selecting the House he or she will join, and the Houses have some say in choosing their members. The intention behind these rules is the Honor System. The intention is to prevent both the Houses and the new students from taking unfair advantage of any other House or new student. All undergraduates are responsible for understanding and following these rules, and just as with the Honor Code, ignorance is not an acceptable excuse for violating them.

## 2. Procedures

1. Rotation week begins on the Sunday prior to the first look of the term and ends after the following Saturday.

2. Throughout the course of Rotation week, new students will remain in residence at a random House determined by temporary room assignment in one of the Houses.

3. For the first six days of Rotation week (Sunday through Friday) each new student visits a different House for dinner in a randomly determined order. New students also visit the Houses for lunch, in an order determined by the following mapping:

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tr>
<td>Sun</td>
<td>Mon</td>
<td>Tue</td>
<td>Wed</td>
<td>Thu</td>
</tr>
</tbody>
</table>

- Please contact Lori Hin (hus@ugcs, x1232) or Judy Green (jdg@ugcs, x1232) if there are any problems with the rotation schedule.

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**CONTINUATION ON PAGE 8**

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**CONTINUATION ON PAGE 10**
associate (R.A.) of the House in which they are residing by 3:00 p.m. on Saturday of Rotation week. This information will be given to each House president and shall be made available only to the House rotation chairman. The Houses are not required to follow the rankings submitted by each student, except that no House may choose a student that did not rank it. Students living off-campus or in the Annex must give their list of Houses to the R.A. of the House which they visit on Saturday of Rotation week. Students will be picked by any one of the Houses if they do not submit a House preference list. On rare occasions, in order to insure that all on-campus rooms are filled, it may be necessary to select students who will be removed from the rotation pick and assigned housing. New students who state to the Director of Residence Life that they do not wish to participate in Rotation will not be selected by any House, but are still given Institute housing.

5. By 5:00 p.m. on Saturday of Rotation week, the IHC Chairman and the seven House presidents will have a list of the House preferences of each new student. They will make themselves available at this time to correct any mistakes in the list. It is the responsibility of the student to verify that the list contains his or her actual choices. A student who is listed as a no-show may try to straighten out the situation with the IHC chairman, who will have a list of each House's no-shows. At 7:00 p.m. the IHC will meet to verify changes, and all choices will be considered accurate when the meeting adjourns. New students may only check to see that their choices have been accurately recorded, and no other students (other than members of the IHC) will be given access to the list until after 7:00 p.m.

6. Selection of new students will take place at a closed meeting of the Director of Residence Life, the Master of Student Houses, the Interhouse Committee Chairman and Secretary, the seven House Presidents, and four Rotation chairmen from each House. The R.A.s may attend the meeting as guests of the Director of Residence Life. This meeting will occur on the Sunday immediately following Rotation week.

(Pick procedure outlined at IHC's request)

III. Regulations

1. Rotation rules are in effect for any contact with new students from their initial acceptance to Caltech (including before they matriculate) until their submitted ranking lists are considered accurate (as stipulated at 7:00 p.m. on Saturday of Rotation week).

2. Throughout these rules, the term House refers to both the organization as a whole and any of its members.

3. New students are specifically prohibited from unfairly biasing other new students toward or against a House.

4. Houses are specifically authorized to do the following during rotation:
   a. have receptions after dinner
   b. serve refreshments at these receptions
   c. prohibit those who are not current House members from attending these receptions
   d. have open presentations anywhere on campus
   e. publish and distribute informational literature which is inexpensively reproduced
   f. accompany new students to any place open to the public, if no extraordinary services are provided.

Note: Driving freshman beyond walking distance is determined to be extraordinary and is prohibited. Walking distance is determined by IHC to be anywhere less than the distance from Campus to the far border of Old Pasadena. To avoid confusion, accompanying freshman on excursions to places beyond Old Pasadena is also prohibited.

5. Houses are specifically prohibited from doing the following during rotation:
   a. making a trophy or ally challenge
   b. publishing a social calendar or relating in any fashion future social events
   c. organizing and sponsoring a social event
   d. attending a reception of a House of which you are not a member without the permission of that House's president
   e. discussing with new students anything at all to do with picking strategies, future new student picks, or past new student picks

Freshmen are not to seek information about picks. Procedures should be treated with the same secrecy as a closed book exam.

f. spending money on a new student or providing extraordinary goods or services on credit or for no charge

g. providing alcohol or other controlled substances to a new student

h. getting a new student a date (Note: dating a new student is not a violation, but setting a new student up with another person is a violation.)

i. otherwise unfairly biasing a new student toward or against a House.

(Note: there is no gag rule. Individuals are not prohibited from speaking about a House of which they are not a member. However, individuals are advised to take care in what they say, as they may be misinterpreted.)

6. Aside from the specifically authorized activities, Houses may do anything approved by the IHC in advance of the act.

7. Information pertaining to the ranking of each student and to the order of the picks may not be made public. All such information in written or electronic form must be destroyed immediately following picks.

IV. Penalties

1. An action which any student thinks is a violation of the Rotation rules must be reported to the Director of Residence Life, the IHC Chairman, an IHC-appointed Rotation Supervisor, or to any of the House Presidents.

2. Alleged violations will be tried by the IHC. Appeals out of seven vote is sufficient for conviction.

3. Any House or individual who is found to have violated these rules will be penalized by any one of the following:
   a. loss of draft choices
   b. loss of privilege to live on campus
   c. probation
   d. loss of right to House ranking (i.e., new student will be considered to have chosen all seven Houses equally)
   e. any other punishment handed down by the IHC

4. Due to time constraints, no House will lose draft choices after 12:01 a.m. of the day of picks. Other penalties may still apply.

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REMEMBER TO INTERESTED SENIORS: A two to six page project proposal draft for the Watson Fellowship is due in the Fellowships Advising Office, Room 25 of the SAC, on MONDAY, October 13, 1997 at 12 Noon. Keep in mind that successful proposals generally have a topic of study or investigation that reflects a student's well-developed interest in that area (samples available in our office). Students should discuss the study plan and indicate how you will carry out the project, what skills you have that will enable you to undertake such a project, how it fits in with your longer term plans, and why this project is important to you.

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by Ron Dollette

Next week I'm going to try and make a countdown of the Techer's Top 25 Favorite Songs of All Time. Just email me (ron@ugcs) with your personal favorites. Try to rank them in some sort of order. You can give me your top 10 or top 5 or whatever screws your dr...
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SAC 3

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\[ \text{\textendash} \text{ denotes a new announcement.} \]

**Announcements**

Maria Saterbakhe has resigned the position of ASCIT Vice-President/Chair. Dale Bixler will temporarily assume the position of ASCIT Vice-President until an election is held after rotation week to fill the vacancy.

The State Fair is seeking California representatives. The Mini Tech Fair and All-American Fair will be held at the State Fair on February 7th and 8th, 1998. Applicants must be of age 13 and over by August 1st, 1998; never married; and a U.S. citizen. To apply send a recent photo along with your name, address, telephone number, and birth date to fax or mail to: C. Mini Fair

**Events**

Chair of the Modern Europe Festival will introduce students to some of the major social changes in the history of women, social relations, and public policy in continental Europe and Britain. The presentations will include an examination of the working conditions of women in the paid labor force, the connections between sexual ideology and public policy in the status regulations on birth control and prostitution, women’s entry into the world of education, science, sports, and politics, and the role of the gender in the construction of social values, family life and property relations. The instructors are Janka and Kudziak. Tuesdays evenings 7:00pm-10:00pm.

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