Faculty Senate

November 13, 2019

Blue Sign-In Sheets for Senators Circulating—Will Be Collected Around 4pm

To promote the communication of opposing views and to serve as a free-speech-with-respect model for the rest of the campus, all discussion in the Faculty Senate must be conducted in a civil fashion that is free of any intimidation or personal attacks.

- the University Faculty Committee

Announcements

Charles Van Loan
Dean of Faculty

The UA Tobacco Ban Survey Closes This Friday

The [online discussion forum](#) has 350+ entries.

Looks like a strong majority are against but see for yourself.

The UA's survey will provide additional insights. 3000+ responses so far strong majority are in favor.

eCornell

There will be a discussion about this at the December meeting with Professor Steve Carvell, [Vice Provost for External Education Strategy](#).

We need to understand how things work to have a successful integration with campus teaching.

Areas
Marketing
Health Care
Technology
Leadership
Project Management
Human Resources
Business and Finance
Hospitality
Data Science
Real Estate
Engineering
Partner
Beekeeping
Veterinary Medicine
Nutrition

Each area typically has a number of certificate programs

Business Analytics
Business Statistics
Machine Learning
Data Analytics
Data Analytics 360
Marketing Analytics
Python

eCornell Certificates

Each program typically Involves a number of courses

Understanding and Visualizing Data
Implementing Scientific Decision Making
Using Predictive Data Analysis
ModelingUncertainty and Risk
Optimizaion and Modeling Simultaneous Decisions

In this example, each course is about 3 weeks taken sequentially over 19 weeks, max 35 students/class, $5400 for certificate

Looking into MW Evening Prelims

Tuesday Oct 8   evening prelims conflicted with Yom Kippur.

Promised those who contacted me about this that I would look for "solutions".

Led to a rethink about opening up M and W for evening prelims, maybe selected big STEM Fr/So courses.

Ongoing discussions with EPC, registrar, various STEM Units

Fall 2019

More Later

Classes with at least one undergraduate

Classes with at least one Freshman or Sophomore

"<3K STEM" = #Fr + #So in a STEM class numbered < 3000

M

Start	Finish	Classes	Ugrads	Classes	Ugrads	Fr+So	<3K STEM
7:30p	8:20p	20	332	15	320	165	142
7:30p	8:45p	4	187	4	187	157	145
7:30p	9:25p	24	321	20	299	206	175
7:30p	9:55p	7	159	1	61	6	0
7:30p	10:30p	5	99	2	43	40	40
8:35p	9:25p	0	0	0	0	0	0

W

Start	Finish	Classes	Ugrads	Classes	Ugrads	Fr+So	<3K STEM
7:30p	8:20p	23	268	18	224	148	104
7:30p	8:45p	5	155	5	155	123	84
7:30p	9:25p	25	288	12	199	159	79
7:30p	9:55p	6	274	6	274	65	56
7:30p	10:30p	13	181	10	144	89	29
8:35p	9:25p	4	68	4	68	35	0

MW

Start	Finish	Classes	Ugrads	Classes	Ugrads	Fr+So	<3K STEM
7:30p	8:20p	5	112	5	112	94	76
7:30p	8:45p	15	204	7	146	54	0
7:30p	9:25p	0	0	0	0	0	0
7:30p	9:55p	1	8	0	0	0	0
7:30p	10:30p	1	15	1	15	10	0
8:35p	9:25p	3	85	3	77	62	62

Resolution on Emeritus Status for RTE Faculty

Presentation

Charles Van Loan
Dean of Faculty

Those Who Retire from These Positions Would Be Eligible

Senior Lecturer

Senior Research Associate

Senior Extension Associate

Professor of the Practice, Associate Professor of the Practice

Clinical Professor, Associate Clinical Professor

Research Professor, Associate Research Professor

Senior Scientist, Senior Scholar

Principle Research Scientist, Research Scientist

Librarian/Archivist, Associate Librarian/Associate Archivist

Criteria and Process Same as For Professors and Associate Professors

Retired with 10 or more years in the position.

Meritorious service to the university.

CV + letter to Chair (or equivalent)

Vote + letter to Dean (or equivalent) from Chair (or equivalent)

Approvals

Chairs and Deans need to weigh in on the proposal.

The Provost has to approve the proposal.

The Trustees have to approve the proposal.

This is <u>NOT</u> About Fringe Benefits/Perks

The resolution says nothing about free parking, wellness programs, office space, computer access, library privileges, etc.

These issues will clarified and discussed later, the goal being Faculty Handbook prose [like this] which outlines perks and opportunities for the current pool of emeriti.

Environmental Impact

From the pool of about 1200 full professors and associate professors about 50/year become emeritus/a.

The pool of eligible RTE faculty is about 400 so a reasonable estimate might be 10 to 15/year.

A healthy emeritus system that includes RTE faculty is a reminder that it is the combined efforts of all faculty that make the place great.

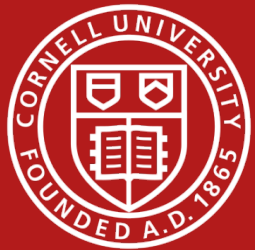# Social Sciences Implementation Committee Update

Professor Melissa Ferguson (Co-Chair)
Professor Chris Wildeman (Co-Chair)
Deputy Provost John Siliciano (Co-Chair)
Provost Mike Kotlikoff

A Draft Vision of a Public Policy Entity at Cornell is online

Why Is It So Important?
And
Why Policy?

- Repeatedly cited in internal and external reviews

- Importance of the Social Sciences to Address Challenges

- Policy Expertise Increasingly Important in a Complex World
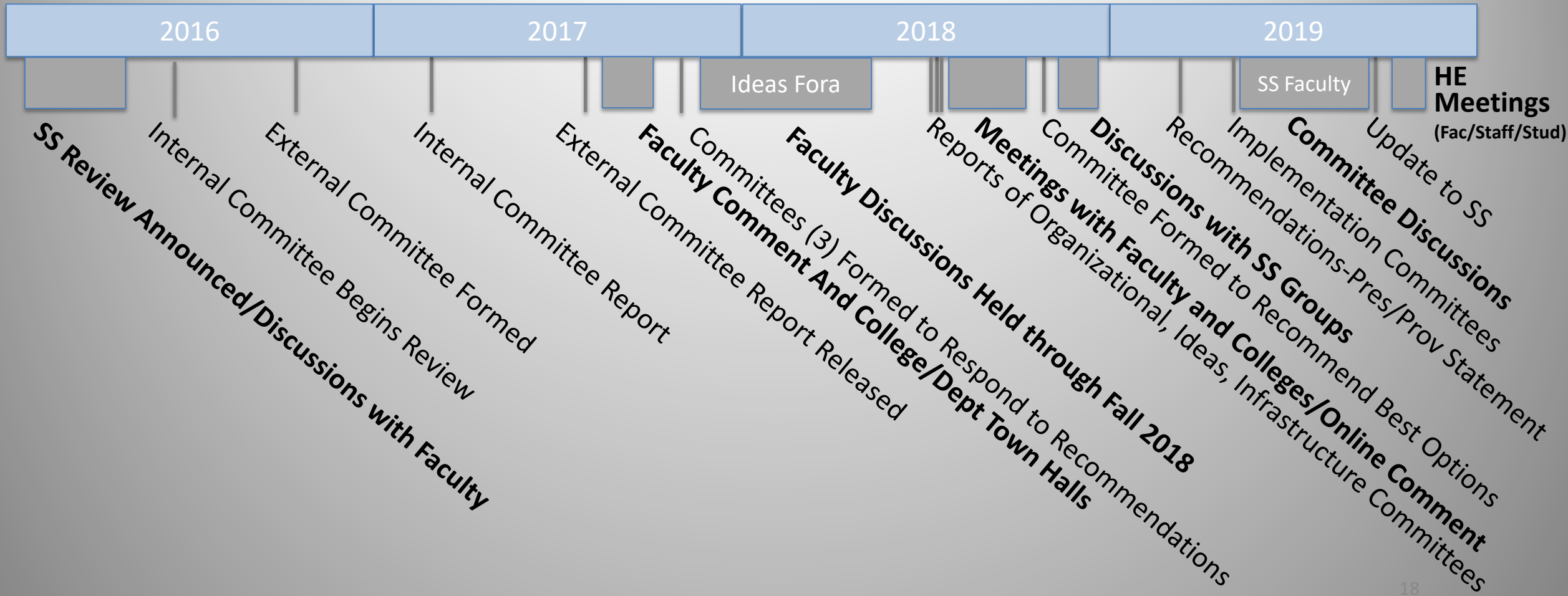
- Balance for a Great University

So What's Wrong?

1) Cornell's Social Sciences Faculty are Underrecognized

2) Dispersed and Loosely Connected Groups

3) Lack a Comprehensive Data Center

4) Policy Department (PAM) Competing with Schools and Colleges

5) Policy Graduate Program (CIPA) Challenged

6) Mixed Funding Incentives/Support

CORNELL UNIVERSITY
Office of the Provost

The Process

2016	2017	2018	2019

Ideas Fora

SS Faculty

HE Meetings (Fac/Staff/Stud)

SS Review Announced/Discussions with Faculty

Internal Committee Begins Review

External Committee Formed

Internal Committee Report

External Committee Report

Faculty Comment And College/Dept Town Halls

Committees (3) Formed to Respond to Recommendations

Faculty Discussions Held through Fall 2018

Reports of Organizational, Ideas, Infrastructure Committees

Meetings with Faculty and Colleges/Online Comment

Committee Formed to Recommend Best Options

Discussions with SS Groups

Recommendations-Pres/Prov Statement

Implementation Committees

Committee Discussions

Update to SS

Provost Meetings

- Meetings with Faculty Senate 2016 – present
- Discussions at UFC
- Meetings with College Faculty and Departments
- Meetings with Advisory Councils – HE, CALS, ILR, A&S
- Presentations to Trustees
- Meetings with Committee Chairs
- Meetings with Deans

Fall Semester Activities

Individual Meetings -

Mike Lovenheim	- Chair Economics	8/21
Poppy McLeod	- Chair Communication	8/26
Jason Frank	- Chair of Government	9/4
Yasser Gowayed	- Chair FSAD	9/9
Alex Colvin	- Dean ILR	10/29
David Shmoys	- Dir. Data Science Ctr	10/30
Ray Jayawardhana	- Dean CAS	11/4
Eduardo Penalver	- Dean Law	11/5
David Lodge	- Director ASSF	11/7

Department Meetings

Government	10/1
PAM	10/9
FSAD / DEA	10/17, 10/23
Nutritional Sciences	10/25
Human Development	10/28

Dept meetings w/ Super-departments

Psychology	12/4
Human Development	12/9
Economics	12/11
PAM – Economists	11/13
PAM – Sociologists	11/13
Sociology	tbd

Group Meetings

CHE Prospective Students	8/19
Senior Leadership Retreat	8/27
Arts and Science Chairs	8/28
CHE Admissions Staff	9/5
Field of Public Affairs	9/26
Vice Provosts	10/14
CHE Students	10/29
Jon Burdick and Lisa Nishii	10/30
Ass, Academic Deans/VPUE	12/19
Faculty Senate	11/13 and 12/11

Committee Meetings   **May-December**

Biweekly	- Summer 2019
Weekly	- Fall 2019 Semester

Listening Sessions

CHE Students	11/18
CHE Alumni Webinar	11/19
Government Department	11/19
Open Session for Cornell Community	11/19
Open Session for Cornell Community	11/20
PAM	11/20
CHE Staff	11/21
DNS	11/21
Economics	11/22
DEA / FSAD	11/22
HD	11/25
CHE Educational Policy Committee	11/25
COB Faculty	12/2

Subcommittees

Policy Vision Subcommittee
Psychology Super-Department Subcommittee
Sociology Super-Department Subcommittee
Economics Super-Department Subcommittee

Meetings with Leadership

Weekly chairs meetings with Provost
Meetings with Dean Human Ecology

What

1. Cornell Social Sciences Center Created

    • Reports to VP Research

    • Combines Data Resources

    • Incentivizes/Facilitates Extramural Applications

2. Form either a Policy School or Reframe Human Ecology

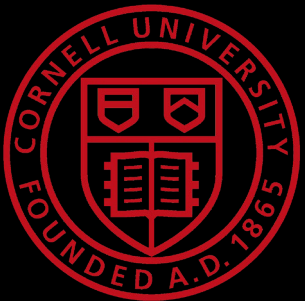3. Unify Disciplines through Super Department Formation/Expansion

What's Next?

1. Interim Report on Super-Departments Sent to Departments – early November

2. Additional Consultation with Faculty Senate on Public Policy – November 13

3. Interim recommendation of Public Policy Committee widely released in November for feedback

4. Listening Sessions scheduled for week of November 18th

5. Final report on Public Policy and Super-departments to Pres/Prov by Dec 2019

6. Discussions with University Leadership and College Stakeholders

7. Additional Consultation with Faculty Senate

8. President and Provost Decision and Implementation Plan in Spring Semester

Radical Collaborations - Data Science Task Force

Marty Wells
BioStat&CompBio

Harel Weinstein
Weill

Ben Cornwell
Sociology

David Easley
Econ & IS

Jon Kleinberg
CS & IS

Peter Enns *Government*

Rachel Bean
Astrophysics

Ron Brachman
CS@Tech

Andy Clark
*Molec.Bio
& Genetics*

Oskar Liivak
Law

Jura Liaukonyte
*Applied Econ &
Management*

Michael Gore
Plant Sciences

Aaron Wagner
ECE

Christiane Linster
*NeuroBio &
Behavior*

Peter Wittich
Physics

David Shmoys
ORIE & CS

Steve Osofsky
Pop. Med. (Vet)

Jyoti Pathak
Weill

Thorsten Joachims
CS&IS

Giles Hooker
*BioStat&
CompBio*

Charge to Task Force

1. What organization … connects faculty working across the spectrum of discovery through application in data science, enhances the potential for external funding, and provides an effective platform for educational efforts? should we have a Graduate Field of Data Science? Should there be a Data Science Institute? If so, how should it be funded? Should we consider changes in our current department structure?
2. Cornell has a number of units that already engage with and support data science across the university … do we have the right organizational structure and capabilities to achieve the goals set forth above? Are support systems appropriate for the research communities seeking to access data analysis?
3. How can we advance data science educational programs at the undergraduate, masters, and Ph.D. levels in the most effective way?
4. Should Cornell focus on building specific areas of data science in which we can most easily achieve a competitive advantage relative to our peers due to existing strengths at the university? If so, which areas are most promising?
5. Are there ways to organize our recruitment efforts so as to enhance the interactions and collaborations of faculty that are recruited to Cornell in the discovery and application domains?

Data Science - Recent Relevant Changes on Campus

- Department of Statistical Science ->
  Department of Statistics and Data Science
- Creation of Department of Computational Biology
- Data Science Curriculum Initiative in A&S
- CALS Statistics and Data Science Curricula Task Force
- A New Cross-Unit Focal Point for Data Science
  Center for Data Science for Enterprise & Society

Center for Data Science for Enterprise & Society

Intellectual Scope

- Data generated by human activity, with emphasis on connection to computational social sciences, as well as the economics/computer science interface

- Digital infrastructure for production & management in settings ranging of agriculture (e.g., food supply chain) to urban transport (e.g., sharing economy)

- Cross-cutting issues of privacy, security, & fairness

- Enhance other program areas in entrepreneurial & opportunistic fashion

Center for Data Science for Enterprise & Society

- Coordinate multi-unit mid-career faculty searches (with seed funding) (primarily CIS, Econ, Math, ORIE,ECE)
- Home for nine Research Assistant Professors (three 3-year non-tenture-track positions/year)
- Organize 3 1-week "boot camps"/year to focus emerging interdisciplinary research initiatives
- Coordinate cross-unit sponsored research and corporate outreach in data science (e.g., TRIPODS phase 2 and r4)
- Coordinating/facilitating role in data science education, e.g., establishing a PhD minor in data science

Center for Data Science for Enterprise & Society

Organizational Structure –

Executive Committee oversees full range of centers activities working with Advisory Council

Francesca Molinari (Econ), Thorsten Joachims (CS/IS), and David Matteson (Stat & Data Science)

Broader committee to select and recruit for Research Assistant Professor positions

Center for Data Science for Enterprise & Society

Questions?

Quorum?

Consent Items

October Meeting Minutes

Resolution on Learning-Where-You-Live Courses

Discussion & Vote

Overview

Learning Where You Live (LWYL) courses are one- and two-credit courses taught on North (and West) Campus. They are small, seminar-style classes that are usually taught without letter grades with a focus on building relationships, innovative teaching, and fascinating topics.

The resolution creates a more effective, university-wide course approval process and an "LWYL" course rubric to enhance awareness.

Slight modifications to the resolution were made to highlight the role of the West Campus House Deans and the North Campus Faculty-in-Residence

Call For a Vote

I support the proposed resolution that is concerned with the [approval process for LWTL Courses](#)

Yes   _____

No   _____

Abstain   _____

Resolution on Changes in Grading Policy

Discussion & Vote

Professor Richard Bensel

Government

Original Resolution

Whereas the University has been changing course grades without notifying the instructor of record and, thus, without the consent of the instructor,

Whereas this change in grading policy was initiated without the knowledge of the Faculty Senate,

Whereas faculty determination of course grades is a fundamental right of the faculty as stated in the Faculty Handbook,

Whereas grading policy is a fundamental part of the educational policy of the University,

Whereas all changes in educational policy must come before the Faculty Senate before they are instituted by the University,

Resolved, that the University suspend the policy of changing course grades without the consent of the instructor until the Faculty Senate has been consulted and has approved any changes in the grading policy.

Revised Resolution

Whereas the University has been changing course grades without notifying the instructor of record and, thus, without the consent of the instructor,

Whereas this change in grading policy was initiated without the knowledge of the Faculty Senate,

Whereas faculty determination of course grades is a fundamental right of the faculty as stated in the Faculty Handbook,

Whereas grading policy is a fundamental part of the educational policy of the University,

Whereas all changes in educational policy must come before the Faculty Senate before they are instituted by the University,

Whereas there may be justifications for emergency changes of grades to "W" resulting from egregious personal situations.

Resolved, that the University administration work with the Faculty Senate to incorporate such changes into the University grading policy

Call For a Vote

I support the proposed resolution on Changes in Grading Policy

Yes   _____

No   _____

Abstain   _____

Resolution to Clarify Grade-Change Protocols

Presentation of a UFC Proposal

Charles Van Loan
Dean of Faculty

It Would Add This Prose to What We Established in May

> **The instructor of record must be informed of a grade change (letter, S/U, Inc, W) before it is made and must be afforded the opportunity by the relevant college authorities to discuss the protocols that were followed if the change leads to a retroactive W or an expunging of the record. These protocols require that the college authority's actions resulted from appropriate engagement with Cornell Health, the Title IX Office, or the Office of University Counsel should the grade change be necessitated by extenuating circumstances.**

Developed May-Oct in consultation with the College Registrars, the University Counsel, and others.

We Will Engage* with This VPUE Working Group

Rachel Bean , Senior Associate Dean for Ugrad Education and Professor, CAS (Chair)
Gena Boling, Director of Compliance for Student Aid Programs
George Boyer, Senior Associate Dean for Academic Affairs and Professor, ILR School
Jon Burdick, Vice Provost for Enrollment
Diane Corbett, Director, Financial Aid
Margaret Frey, Senior Associate Dean for Ugrad Affairs and Professor, CHE
Carol Grumbach, Associate Vice Provost
Melanie Holland Bell, Assistant Dean for Education, AAP
Lisa Nishii, Vice Provost for Undergraduate Education (ex officio)
Mike Thompson, Associate Dean for Ugrad Studies and Associate Professor, COE
Donald Viands, Associate Dean and Director of Academic Programs and Professor, CALS
Casey Washburn, Associate University Registrar, Academic Services

*Some Combination of the Dec and Feb Meetings

Good and Welfare