

ACADEMIC SENATE – Sustainability Committee

Winter 2022

Due: Friday, April 1, 2022 (By JReich March, 27,2022)

MEMBERS	
Name	College/Unit
Chiu, Yiwen	CAFES
Dumars, Jeffrey	Admin (Please remove his name. He left Cal Poly over a year ago)
Elliot, Dennis	Admin
Fernsler, Jonathan	CSM
Kathuria, Ajay	OCOB
Kim, Andrew	ASI
Oulton, Rebekah	CENG
Peters, Jason	CLA
Raynes, Chris	ASI Please ADD the name of this person who is ASI student rep #2
Reich, Jonathan (CH)	CAED
Singh, Kylee	Admin
Winslow, Dianna	Admin
VACANT	PCS

CHARGES		
Charge	Complete ?	Status/Notes
Review and modify committee procedures and bylaws as needed. Ongoing,	<input type="checkbox"/>	Ongoing
Develop and pilot more SLOs assessments. Ongoing	<input type="checkbox"/>	Ongoing: ASSC plans annual memo to faculty with SUSCAT courses reminding them that their course is listed on SUSCAT, providing our SUSCAT webpage link showing their course is part of a broader university initiative and mission statement and that students can find their course from our SUSCAT list, and if they have a comment or update. The SLOs are the only LOs that Cal Poly does not assess – and Cal Poly should. ASSC needs to work to get SLOs assessed by Cal Poly. Meanwhile ASSC members and others are assessing student learning of SLOs with academic research and writing but without support.
Respond to AS-787-14. Ongoing	<input type="checkbox"/>	Ongoing: Resolved to modify the SUSCAT SLOs assessment rubric to include faculty evaluation of how their course achieves the SLOs in student learning.
1. Review new courses in the 2021-2022 catalogs for SUSCAT.	<input type="checkbox"/>	Ongoing: ASSC members Winslow & Singh organized a forthcoming and “sold-out” CTLT “ Learning Community ” which began Feb. 9 and will run until May 4, 2022 for faculty wishing to incorporate topics of climate change and resilience in their classes. Five CSU campuses, 65 faculty, many other participants, are involved in this, with some funding from CSU Chancellor.
2. Encourage faculty to teach sustainability in new and existing courses.	<input type="checkbox"/>	“ “ “ “
3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability.	<input type="checkbox"/>	
Assist Registrar to implement AS-923-21 by identifying SUSCAT courses in the catalog & Schedule Builder. Ongoing	<input type="checkbox"/>	Ongoing

Respond to 2014 CSU Sustainability Policy directives. Ongoing 1. "The CSU will seek to further integrate sustainability into the academic curriculum working within the normal campus consultative process." 2. The CSU will develop employee and student workforce skills in the green jobs industry, promote the development of sustainable products and services, and foster economic development."	<input type="checkbox"/>	Ongoing 1. See items above + ASSC pointed out that Cal Poly does not require SLOs even though Cal Poly lists SLOs and therefore SLOs are not assessed and should be. ASSC believes SLOs should be required just like the Ethnic Studies requirement and the USCP requirement (Both which originate at CSU level or via legislative requirement.) 1. (cont.) ASSC will propose to the "assessment council" that: The SLOs be required and be assessed and appear in the Core Competency plan. 1. (cont.) ASSC will continue to work on Cal Poly adopting a required "Sustainability Overlay" (similar to USCP), or a Sustainability pathway in GE.
Support continuing campus efforts to improve Cal Poly's AASHE STARS certification credits Ongoing	<input type="checkbox"/>	Ongoing: Dennis Elliot reported President Armstrong wants Cal Poly to improve AASHE STARS rating and thus the agenda of the annual joint ASSC/SAC meeting March 30 will brainstorm ideas for how the April 22 Sustainability Charrette can focus on AASHE STARS including increasing number of SUSCAT courses, doing more sustainability research, accelerating Cal Poly's achievement of Carbon Neutrality, etc.
Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. Ongoing	<input type="checkbox"/>	Ongoing: Kylee Singh / Green Campus working on conservation and waste stream diversion projects this year.
Discuss with FAC sustainability in hiring and RPT policies and procedures. AY 2021-22	<input type="checkbox"/>	Ongoing:
Work with students and dining services to source food from campus and local sources. AY 2021-2022	<input type="checkbox"/>	Ongoing: An EDES 410 project Spring Quarter will propose a program linking the Multicultural Center with the Student Experimental Farm regarding education about multicultural cuisines.
Work with students, WOW, and AFD to improve recycling/composting/zero waste WOW training. AY 2021-2022	<input type="checkbox"/>	Ongoing: Kylee Singh / Green Campus working on conservation and waste stream diversion this year.
Assist Cal Poly to implement AS-915-21 and meet Cal Poly's Carbon Neutrality Target Date. AY 2021-2022	<input type="checkbox"/>	Ongoing: ASSC discussed how the April 22 Sustainability Charrette could include a session about Cal Poly developing affordable housing on or next to campus as a strategy for meeting the Carbon Neutrality date by improving the jobs/housing balance and reducing GHGs from commuting. This could also help faculty retention and advance DEI initiatives at the same time.
Work with academic advisors to help students find sustainability courses. AY 2021-2022	<input type="checkbox"/>	Ongoing: ASSC plans annual memo to advisors reminding them that there is SUSCAT, providing our SUSCAT webpage link showing it is part of a broader university initiative and mission statement and that students can find SUSCAT courses there, and ask if they have a comment or question.

NOTES: See attached meeting minutes for the three ASSC meetings held in Winter Quarter 2022.

- ~~11:10am Thurs. Jan. 13 - Meeting was cancelled~~ - ~~10:10am Thurs. Jan. 27 - Meeting was cancelled~~

- 10:10am Thurs. Feb.10 -

- 10:10am Thurs. Feb.24 -

- 10:10am Thurs. March.10 -

Academic Senate Sustainability Committee (ASSC)

Minutes

Winter 2022

Meeting Date: **Feb. 10, 2022 at 10:10am**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **10:14am**

ATTENDANCE:

☒ **Chiu, Yiwen**, NRES Faculty CAFES

☐ **Elliot, Dennis**, FacSvcs, VP/Adm&Fin Rep (EO)

☒ **Fernsler, Jonathan**, Physics Faculty CSM

☒ **Kathuria, Ajay**, IT & Pkg Faculty OCOB

☒ **Kim, Andrew** Student, ASI Rep (EO)

☒ **Oulton, Rebekah**, CE ENVE Faculty CENG

☒ **Peters, Jason**, English Faculty, CLA

☒ **Reich, Jonathan** (CH) Arch Faculty CAED

☐ **Raynes, Chris** Student, ASI Rep (EO)

☒ **Singh, Kylee** Enrg&Sustain Admin(EO) (on leave)

☐ **Winslow, Dianna** CTLT VP Prog&Png Rep (EO)

☐ **Vacant**, PCS Rep (EO)

APOLOGIES:

QUORUM: Required attendance of committee for quorum is 7/12

Committee members present: **8**

Quorum?: ☒ **Yes** ☐ **No**

GUESTS: Braun (Emeritus Chair)

AGENDA/Minutes:

1. Approve Fall Quarter meetings minutes: Kathuria moved, Kim second. Unanimous Ays.

2. Was scheduled for Dennis Elliot but he couldn't make it so Kylee Singh took this time to report:

- Cal Poly Sustainability "Earth Week" will be April 18 – 22 concluding with a charrette scheduled for Earth Day 2022, Friday April 22nd with the topic "How to Accelerate Cal Poly's Carbon Neutrality."

- Green Campus is working on conservation and diversion (re. waste stream?)

- E, U, & S has two full-time fellows: One working on campus energy dashboard under Chad Worth and one, Kori Neilson, working on Kylee's sustainability learning community.

- Shared dorm energy competition dashboard:

<https://app.powerbi.com/view?r=eyJrjoiZWQ1YjczNzgtNmFjMy00ZThmLWEzNWMyZdODM5MjZiNjVklwidCI6IjFiMGQwMmRiLWZjQWUuNDQ5NS05NTM3LTFkMzc5Y2NhMmFhYnNlYmMiOjZ9&pageName=ReportSection>

- Energy, Utilities, and Sustainability (EU&S) is bringing back University Sustainability Awards. The awards committee will be a couple members from ASSC (this committee) and from University Sustainability Advisory Committee (SAC) plus a couple of students. Committee members cannot be nominees. Several potential nominee's names quickly came up inc. **Braun** (!) Here is the link:

https://cpslo-my.sharepoint.com/:w/g/personal/ksingh_calpoly_edu/EZDnFy_176IGslbjoAU684cBYF-QQSF0Mta4pDOqWDxwyw?e=WNqkmB

3. Discussion of the SUSCAT rubric: (a refresher) re. the different ways JReich and Jay Peters applied it to "SOC 431: World Population Problems & Processes." The point of this exercise is simply to compare understanding on application of the rubric.

Jay suggests more inclusive big tent approach in interpreting the rubric. Braun suggests verify authenticity and to avoid greenwashing.

JR suggests courses for SUSCAT should as minimum reference the SLOs in the syllabus and have a line or two reflecting how they achieve the SLOs, which means students have.

Braun reminded us that the SLOs assessments involve assessing student knowledge and attitudes, not course syllabuses.

Resolved: Kylee will modify the OneDrive SUSCAT invitation to add fill-in space for faculty to briefly write how their course relates to the SLOs, which will make it easier for ASSC to evaluate courses for SUSCAT.

JR reminded ASSC of our basic charges to:

- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14. Ongoing
 1. Review new courses in the 2021-2022 catalogs for SUSCAT.
 2. Encourage faculty to teach sustainability in new and existing courses.
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability.

4. New Business: Jonathan Fernsler proposed reaching out once per year to faculty teaching SUSCAT courses to:

"...gently remind them that their course is listed on SUSCAT, provide our SUSCAT webpage link, showing their course is part of a broader university initiative and mission statement and that students can find their course from our SUSCAT list."

And perhaps "send them our SUSCAT Evaluation Rubric for their course and see if they have a comment or update."

A mass email like this may be unlikely to see a lot of responses from faculty, but at least it might keep them aware that there are other sustainability efforts going on around campus and could encourage them to re-evaluate their course in a sustainability context."

HANDOUTS: None.

MEETING(s) ADJOURNED: 11:00am

ASSC Fall Quarter 2021 Meetings: (Meetings to be held over Zoom)

- **11:10am** Thurs. Jan. 13 - *Meeting was cancelled*

- **10:10am** Thurs. Jan. 27 - *Meeting was cancelled*

- **10:10am** Thurs. Feb. 10 -

- **10:10am** Thurs. Feb. 24 -

- **10:10am** Thurs. March. 10 -

Academic Senate Sustainability Committee 2021-2022: (Note the vacancies)

Name	Department	College/Unit	Office	email@calpoly.edu	Exp Term
Chiu, Yiwen	NRES	CAFES	62972	yichiu	2019
Elliot, Dennis	FacSrvcs/Enrg,Ut&Sustain	Admin	62090	delliot	EO (VP/Adm&Fin))
Fernsler, Jonathan	Physics	CSM	62438	jfernsl	2020
Kathuria, Ajay	IT & Pkg	OCOB	62944	akathuri	2023
Kim, Andrew	Student	ASI	61281	akim195	EO (ASI)
Oulton, Rebekah	CE	CENG	61367	roulton	2022
Peters, Jason	English	CLA	62862	jpeter65	2022
Raynes, Chris	Student	ASI	61281	craynes	EO (ASI)
Reich, Jonathan (CH)	Arch	CAED	805-801-8848	jreich	2023
Singh, Kylee	Enrg,Ut&Sust	Admin	65397	klsingh	EO (Enrg,Ut&Sust)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (VP Acad Prog&Png)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (Acad Dean)
Vacant	FacPlang	Admin	-----	-----	EO (Dir/FacPlng)

Cal Poly Sustainability Learning Objectives (“SLOs”): ¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
- Explain how natural, economic, and social systems interact to foster or prevent sustainability
- Analyze and explain local, national, and global sustainability using a multidisciplinary approach
- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

Sustainability Committee Charges for 2021-22: ²

- Review and modify committee procedures and bylaws as needed. Ongoing
- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14. Ongoing
 1. Review new courses in the 2021-2022 catalogs for SUSCAT.
 2. Encourage faculty to teach sustainability in new and existing courses.
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability.
- Assist Registrar to implement AS-923-21 by identifying SUSCAT courses in the catalog & Schedule Builder. Ongoing
- Respond to 2014 CSU Sustainability Policy directives. Ongoing
 1. “The CSU will seek to further integrate sustainability into the academic curriculum working within the normal campus consultative process.
 2. The CSU will develop employee and student workforce skills in the green jobs industry, promote the development of sustainable products and services, and foster economic development.”
 3. Related: Coordinate with Academic Senate Executive Committee to possibly invited Erin Pearse to brief the Academic Senate on Cal Poly’s Institute for Climate Leadership and Regional Resilience. AY 2021-22
- Support continuing campus efforts to improve Cal Poly’s AASHE STARS certification credits. Ongoing
- Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. Ongoing
- Discuss with FAC sustainability in hiring and RPT policies and procedures. AY 2021-22
- Work with students and dining services to source food from campus and local sources. AY 2021-2022
- Work with students, WOW, and AFD to improve recycling/composting/zero waste WOW training. AY 2021-2022
- Assist Cal Poly to implement AS-915-21 and meet Cal Poly’s Carbon Neutrality Target Date. AY 2021-2022
- Work with academic advisors to help students find sustainability courses. AY 2021-2022

¹ www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo

² www.academicssenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>




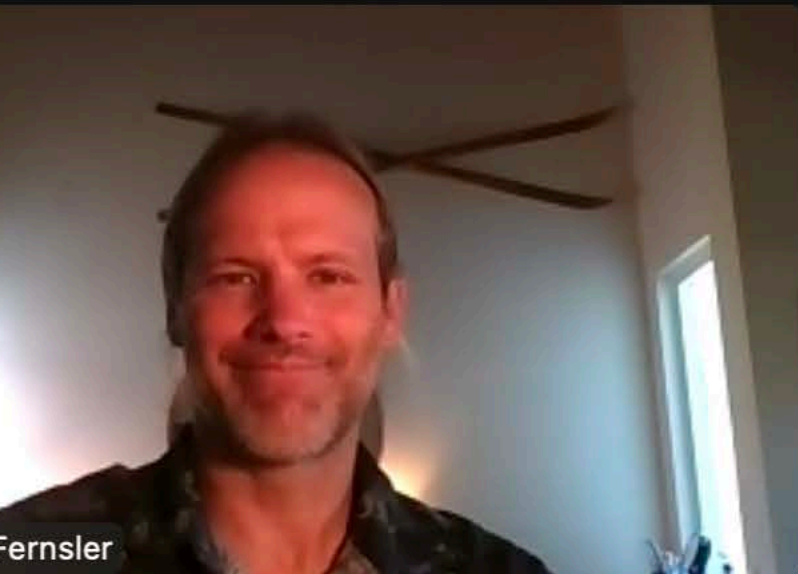
Jonathan Reich



Kylee Singh, Cal Poly SLO Sustainability Coor. She/Her



 Ajay Kathuria




Jonathan Fernsler



 Jay Peters



 Andrew Kim



 Yiwen Chiu (NRES)



 Rebekah Oulton



Academic Senate Sustainability Committee (ASSC)

Minutes

Winter 2022

Meeting Date: **Feb. 24, 2022 at 10:10am**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **10:12am**

ATTENDANCE:

☒ **Chiu, Yiwen**, NRES Faculty CAFES

☐ **Elliot, Dennis**, FacSvcs, VP/Adm&Fin Rep (EO)

☐ **Fernsler, Jonathan**, Physics Faculty CSM

☒ **Kathuria, Ajay**, IT & Pkg Faculty OCOB

☒ **Kim, Andrew** Student, ASI Rep (EO)

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☐ **Vacant**, PCS Rep (EO)

APOLOGIES:

QUORUM: Required attendance of committee for quorum is 7/12

Committee members present: **7**

Quorum?: ☒ **Yes** ☐ **No**

GUESTS: Braun (Emeritus Chair)

AGENDA/Minutes:

1. Approve 10February 2022 minutes: Kathuria moved, Chiu second (I think?). Minutes approved.

2. Dennis Elliot requested 10-15 minutes of next meeting he could attend:

Dennis absent.

3. Proposal for maintaining and updating SUSCAT (re. our committee charges: Jon Fernsler suggested a once-a-year reach-out to faculty teaching SUSCAT courses to: "...gently remind them that their course is listed on SUSCAT, provide our SUSCAT webpage link, showing their course is part of a broader university initiative and mission statement and that students can find their course on SUSCAT" and maybe send a "SUSCAT update" form on OneDrive similar to the existing document Kylee's modifying where faculty nominate their course for SUSCAT.

<https://forms.office.com/Pages/ResponsePage.aspx?id=2wING578IUSVNx03nMog5-ccdYkiqABMjCRGanEkrJVUM1A0UzVHQ0pTWUVYMTU1T0VJUFRVTjFFTS4u>

Perhaps do this early in Fall, right before classes start, before everyone gets overbooked.

JReich reminded that SUSCAT maintenance is a primary task of ASSC. 10:14:35 From Jonathan Reich to Everyone:

https://academicssenate.calpoly.edu/content/acadsen_comm/sustainability

ASSC of our basic charges to: Develop and pilot more SLOs assessments, and ,

Respond to AS-787-14 by reviewing new courses in the 2021-2022 catalogs for SUSCAT, Encouraging faculty to teach sustainability in new and existing courses, and Working with the CTLT to provide support for faculty seeking to teach classes involving sustainability.

There was general agreement on Jon Fernsler's idea.

Then the discussion widened again to the issue of the SLOs and how their success is assessed.

Braun pointed out that ASSC is supposed to assess student learning of SLOs, and BTW Cal Poly should do that but doesn't.

Yiwen mentioned Braun and her and Jay have a manuscript in pipeline (with others too) about assessing student learning about sustainability issues.

10:27:02 From Yiwen Chiu (NRES) to Everyone: Priya Verma ; Gregg Fiegel ; Kylee Singh ; Brian Pompeii ; Braun, Jay Peters, and me

Yiwen shares the work. They are working on broader assessment through surveys of student knowledge of sustainability. (Community of Practice Sustainability) Is there support? No.

Dianna thinks Bruno doesn't know SLOs aren't assessed and that SLOs are the only LOs not being assessed by Acad. Progs & Planning & Michael Nguyen

Dianna: CPSLO does not require SLOs even though they have SLOs.

Andrew Kim student speaks about how he came to sustainability – not through SUSCAT! – through his major and says "Sustainability course should be required."

Yiwen speaks to surveys she's done on why students don't take sustainability courses.

JReich asks: What was the origin of the (valuable) ethnic studies requirement being established.

Jay shared the legislation link. 10:57:56 From Jay Peters to Everyone: https://leginfo.ca.gov/faces/billTextClient.xhtml?bill_id=201920200AB1460

Agreed to continue discussion at next meeting.

In the cause of broadly increasing sustainability issues in classes Dianna explains more about the

"CSU-wide Faculty Learning Community in Teaching Climate Change and Resilience FEB 9-MAY 5, 2022: **See:**

<https://ctlr.calpoly.edu/csu-wide-faculty-learning-community-teaching-climate-change-and-resilience> "

Five CSU campuses involved in this, 65 faculty, many other participants, funding from CSU Chancellor.

4. Discuss Earth Week and April 22 Sustainability Charrette on topic "How to Accelerate Cal Poy's Carbon Neutrality."

JReich suggested the subject of housing affordability and more Cal Poly housing on or next to campus should be part of the charrette in April as it relates to both reducing GHG emissions, retention of staff and faculty, and equity in general.

Braun suggested that improved sustainability in housing could also advance DEI initiatives.

Dianna Winslow said she knows of at least 3 DEI faculty who may leave CP because of housing issues.

HANDOUTS: none

MEETING(s) ADJOURNED: 11:02am

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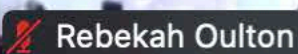
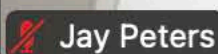
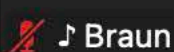
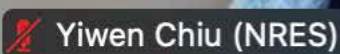
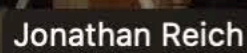
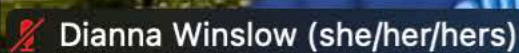
Sustainability Committee Charges for 2021-22: ²

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² www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>



Meeting Date: **March 10, 2022 at 10:10am**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **11:10am****ATTENDANCE:**☐ Chiu, Yiwen, NRES Faculty CAFES☒ Elliot, Dennis, FacSvcs, VP/Adm&Fin Rep (EO)☒ Fernsler, Jonathan, Physics Faculty CSM☒ Kathuria, Ajay, IT & Pkg Faculty OCOB☒ Kim, Andrew Student, ASI Rep (EO)☒ Oulton, Rebekah, CE ENVE Faculty CENG☐ Peters, Jason, English Faculty, CLA☒ Reich, Jonathan (CH) Arch Faculty CAED☒ Raynes, Chris Student, ASI Rep (EO)☒ Singh, Kylee Enrg&Sustain Admin(EO) (on leave)☒ Winslow, Dianna CTLT VP Prog&Png Rep (EO)☐ Vacant, PCS Rep (EO)**APOLOGIES:****QUORUM:** Required attendance of committee for quorum is 7/12Committee members present: **9**Quorum?: ☒ Yes ☐ No**GUESTS:** Braun (Emeritus Chair), Erin Pearse, Math**AGENDA/Minutes:****10:10am: Announcements:** Save ~~Thursday April 7~~, Wednesday March 30 from 11:10-1:00pm for the Annual Joint SAC/ASSC Meeting

Kylee Singh announcements: - Save Friday April 22 for the Sustainability Charrette - Sustainability champion awards still available for nominations. - OCOB dean Damon Fleming (who has background in Sust. Accounting) reached out to meet re. OCOB sustainability plans(!) Suggested that Ajay Kathuria meet as well.

1. Approved ASSC minutes for Feb. 10 and Feb. 24 by acclamation.

2. Dennis Elliot had requested 10-15 minutes: and he explained that Armstrong had reached out to him re. AASHE STARS status - which focused his thinking about this year's **Friday April 22 Sustainability Charrette** topic, and so he'd like the annual Joint SAC/ASSC Meeting to plan how the charrette can focus on improving AASHE STARS rating.

Ensuing discussion about improving AASHE STARS included: increasing number of SUSCAT courses, doing more sustainability research, accelerating Cal Poly's achievement of Carbon Neutrality, and how the jobs/housing balance issue is crucial GHGs issue and thus carbon neutrality. Another issue that was discussed was how sustainability and climate related work are not currently seen as advancement opportunities and how the charrette might help the provost to not to be afraid of sustainability...

Suggestion was made that the quarter to semesters conversion, when all courses will be adjusted, will be an opportunity to increase sustainability JReich mentioned his current Swanton Pacific Ranch (SPR) "Field Studies Camp" project and how SPR is a brilliant sustainability / biodiversity / carbon neutrality related advancement opportunity...

Kylee Singh asked ASSC folks to review this invite list and let her know if there are people we want to make sure get invited to the charrette:

https://cpslo-my.sharepoint.com/:x/g/personal/ksingh_calpoly_edu/EWSLFWHB89EgCKnW1UrFe4BKZLN5fgMfiSeJTKRUNNVXg?e=1JK9k8

Braun suggested inviting Michael Nguyen from Academic Programs & Planning

Dianna spoke to the Michael Nguyen comment (related to the issue of how Cal Poly has the SLOs, but the SLOs are not assessed!) -

Nguyen is meeting with CAFES dean to work on SLOs assessment at CAFES level (!)

And - she met with Bruno Giberti about how SLOs are not assessed.

Bruno suggested pitching assessment council how SLOs integrate with core competency plan.

Braun: It would greatly help, if the SLOs would appear explicitly in the core competency plan and resulting assessment.

10:25am: Discussion with Erin Pearse about his email of February 24th (below) suggesting there be a "Sustainability Overlay" (similar to USCP) or a Sustainability pathway in GE. Erin explained the idea and recommended to go directly to students and ask them if they want a sustainability requirement. JReich invited Andrew Kim and Chris Raynes to share how they became interested in sustainability and they explained it didn't happen at Cal Poly. Dianna explained difficulties of adding a sustainability overlay saying it's Catch-22, adding a subject overlay requires courses be available - but getting courses available depends on them being required. Long discussion of GE sust. pathway and past Academic Senate support expressed effusively by Dustin Stegner for our suggested GE Sustainability Pathway.

Continued to future meeting:

3. Proposal for maintaining and updating SUSCAT (re. our committee charges: Jon Fernsler suggested a once-a-year reach-out to faculty teaching SUSCAT courses to: "...gently remind them that their course is listed on SUSCAT, provide our SUSCAT webpage link, showing their course is part of a broader university initiative and mission statement and that students can find their course on SUSCAT" and maybe send a "SUSCAT update" form on OneDrive similar to the existing document Kylee's modifying where faculty nominate their course for SUSCAT.

<https://forms.office.com/Pages/ResponsePage.aspx?id=2wING578IUSVNx03nMoq5-ccdYkigABMjCRGanEkrJVUM1A0UzVHQ0pTWUVYMTU1T0VJUFRVtjFFTS4u>

Perhaps do this early in Fall, right before classes start, before everyone gets overbooked.

MEETING ADJOURNED: 11:02am**ASSC Winter Quarter 2021 Meetings:** (Meetings to be held over Zoom)

- **11:10am** Thurs. Jan. 13 - *Meeting was cancelled*

- **10:10am** Thurs. Jan. 27 - *Meeting was cancelled*

- **10:10am** Thurs. Feb. 10 -

- **10:10am** Thurs. Feb. 24 -

- **10:10am** Thurs. March 10 -

Academic Senate Sustainability Committee 2021-2022: (Note the vacancies)

Name	Department	College/Unit	Office	@calpoly.edu	Exp Term
Chiu, Yiwen	NRES	CAFES	62972	yichiu	2019
Elliot, Dennis	FacSrvcs/Enrg,Ut&Sustain	Admin	62090	delliot	EO (VP/Adm&Fin))
Fernsler, Jonathan	Physics	CSM	62438	jfernsl	2020
Kathuria, Ajay	IT & Pkg	OCOB	62944	akathuri	2023
Kim, Andrew	Student	ASI	61281	akim195	EO (ASI)
Oulton, Rebekah	CE	CENG	61367	roulton	2022
Peters, Jason	English	CLA	62862	jpeter65	2022
Raynes, Chris	Student	ASI	61281	craynes	EO (ASI)
Reich, Jonathan (CH)	Arch	CAED	805-801-8848	jreich	2023
Singh, Kylee	Enrg,Ut&Sust	Admin	65397	klsingh	EO (Enrg,Ut&Sust)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (VP Acad Prog&Png)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (Acad Dean)
Vacant	FacPlang	Admin	-----	-----	EO (Dir/FacPng)

Cal Poly Sustainability Learning Objectives ("SLOs"): ¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
- Explain how natural, economic, and social systems interact to foster or prevent sustainability
- Analyze and explain local, national, and global sustainability using a multidisciplinary approach
- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

Sustainability Committee Charges for 2021-22: ²

- Review and modify committee procedures and bylaws as needed. Ongoing
- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14. Ongoing
 1. Review new courses in the 2021-2022 catalogs for SUSCAT.
 2. Encourage faculty to teach sustainability in new and existing courses.
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability.
- Assist Registrar to implement AS-923-21 by identifying SUSCAT courses in the catalog & Schedule Builder. Ongoing
- Respond to 2014 CSU Sustainability Policy directives. Ongoing
 1. "The CSU will seek to further integrate sustainability into the academic curriculum working within the normal campus consultative process.
 2. The CSU will develop employee and student workforce skills in the green jobs industry, promote the development of sustainable products and services, and foster economic development."
 3. Related: Coordinate with Academic Senate Executive Committee to possibly invited Erin Pearse to brief the Academic Senate on Cal Poly's Institute for Climate Leadership and Regional Resilience. AY 2021-22
- Support continuing campus efforts to improve Cal Poly's AASHE STARS certification credits. Ongoing
- Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. Ongoing
- Discuss with FAC sustainability in hiring and RPT policies and procedures. AY 2021-22
- Work with students and dining services to source food from campus and local sources. AY 2021-2022
- Work with students, WOW, and AFD to improve recycling/composting/zero waste WOW training. AY 2021-2022
- Assist Cal Poly to implement AS-915-21 and meet Cal Poly's Carbon Neutrality Target Date. AY 2021-2022
- Work with academic advisors to help students find sustainability courses. AY 2021-2022

¹ www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo

² www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>

From: Yiwen Chiu <yichiu@calpoly.edu>
Sent: Thursday, February 24, 2022 2:27 PM
To: Jason J. Peters <jpeter65@calpoly.edu>; Erin Peter James Pearce <epearce@calpoly.edu>; Jeffrey K. Dumars <jdumars@calpoly.edu>; Dennis K. Elliot <delliot@calpoly.edu>; Jonathan G. Fernsler <jfernsle@calpoly.edu>; Ajay Kathuria <akathuri@calpoly.edu>; Andrew Kim <akim195@calpoly.edu>; Rebekah Oulton <roulton@calpoly.edu>; Chris Raynes <craynes@calpoly.edu>; Jonathan W. Reich <jreich@calpoly.edu>; Kylee Lynn Singh <kl Singh@calpoly.edu>; Dianna Winslow <diwinslo@calpoly.edu>
Subject:RE: Academic Senate proposal: Sustainability overlay

Hi Erin,

Great timing, indeed.

In addition to ASSC's attention on this subject matter, a group of faculty members have carried out a continuous study to assess Cal Poly's sustainability learning outcomes, and we are at the beginning of the third round of study aiming to formally assess the educational implications of SusCat (Cal Poly's sustainability catalog). In the past, we had faculty members from various departments, and some of them have left Cal Poly or retired, but we managed to have new faculty join this work force as well. Kylee and I are among the "oldest" members in this group, with Jay as our new Jedi.

In each round of study, we published a peer-reviewed journal article with little financial support from the University. I would like to brainstorm how this kind of campus-wide collaborative effort can be strategically sustained. If you're interested, I can share our research results with you and discuss where we can go from here.

Cheers,

Yiwen

From: Jason J. Peters <jpeter65@calpoly.edu>
Sent: Thursday, February 24, 2022 1:52 PM
To: Erin Peter James Pearce <epearce@calpoly.edu>; Yiwen Chiu <yichiu@calpoly.edu>; Jeffrey K. Dumars <jdumars@calpoly.edu>; Dennis K. Elliot <delliot@calpoly.edu>; Jonathan G. Fernsler <jfernsle@calpoly.edu>; Ajay Kathuria <akathuri@calpoly.edu>; Andrew Kim <akim195@calpoly.edu>; Rebekah Oulton <roulton@calpoly.edu>; Chris Raynes <craynes@calpoly.edu>; Jonathan W. Reich <jreich@calpoly.edu>; Kylee Lynn Singh <kl Singh@calpoly.edu>; Dianna Winslow <diwinslo@calpoly.edu>
Subject:Re: Academic Senate proposal: Sustainability overlay

Hi Erin,

You have good timing! ASSC met this morning and we discussed many of the very ideas you suggest. Regarding the SLOs, there is no curricular requirement to implement them, which is a problem. This point was also raised in our meeting this morning.

Personally (not speaking for the whole committee here), I think both your suggestions are good, and I'd look forward to working with you on this.

Jay

Jason Peters, PhD

Associate Professor

Department of English

California Polytechnic State University

1 Grand Avenue

San Luis Obispo CA 93407-0322

<https://english.calpoly.edu/faculty/peters>

From: Erin Peter James Pearse <eperse@calpoly.edu>

Sent: Thursday, February 24, 2022 1:35 PM

To: Yiwen Chiu <yichiu@calpoly.edu>; Jeffrey K. Dumars <jdumars@calpoly.edu>; Dennis K. Elliot <delliot@calpoly.edu>; Jonathan G. Fernsler <jfernsl@calpoly.edu>; Ajay Kathuria <akathuri@calpoly.edu>; Andrew Kim <akim195@calpoly.edu>; Rebekah Oulton <roulton@calpoly.edu>; Jason J. Peters <jpeter65@calpoly.edu>; Chris Raynes <craynes@calpoly.edu>; Jonathan W. Reich <jreich@calpoly.edu>; Kylee Lynn Singh <klsingh@calpoly.edu>; Dianna Winslow <diwinslo@calpoly.edu>

Subject: Academic Senate proposal: Sustainability overlay

Dear Sustainability Committee of the Academic Senate,

I would like to propose that the committee work towards incorporation of student exposure to sustainability in a couple of ways. It will be critically important for a modern workforce to understand the basic concepts of sustainability and climate change, and to understand that acting on these principles is necessary for folks in all walks of life, and that there are necessary and important actions to be taken in any career trajectory.

Two possible avenues:

- An overlay (like USCP)
- A GE Pathway

Some students are already drawn towards sustainability topics, but this results in “preaching to the choir”. As a mechanism to enlarge the tent, I suggest an overlay model, following the US Cultural Pluralism requirement. It is broadly defined: there are many courses that fill this requirement. However, it is a mandatory requirement for all students.

I've dug up the relevant resolutions from USCP and collected them

here: <https://www.dropbox.com/sh/nrh4an838i6olst/AACWF3Y4NUNYGtkhGS-FyX21a?dl=0>.

I can put some time into cobbling together a first draft of what such a requirement might look like, and what the corresponding resolution would look like. However, I wanted to check with you all to see what your thoughts are:

- Is this a good idea?
- Has it been attempted before? (Or is someone else working currently on something similar?)
- Would anyone else like to get directly involved?

I haven't done anything like this before, so my attempt is going to be something of a hatchet job ...

Along similar but different lines, there is also the possibility of making a GE Pathway in Sustainability. I talked some with Gary Laver about this, and he said there are many issues to consider, following the discussion last winter/spring of a pilot pathway through GE, but this is potentially feasible. A pathway differs from an overlay in that (i) it is optional for students, so may not introduce previously uninterested students to the implications of the climate crisis, (ii) a pathway would consist of multiple courses, and (iii) a pathway would be pretty rigid: there might just be one set of courses that anyone taking the pathway must complete.

The overlay and the GE pathway can both be done through Cal Poly, locally, but it is also possible these lead to something being adopted more widely. With our existing networks, and the current CSU-wide Faculty Learning Community on Climate Change, we may be able to develop materials that can be shared across campuses, and build support for pressing the entire CSU to adopt large-scale integration of sustainability into the curriculum.

Thanks,

-EP

P.S. Along related but different lines, I have questions about SLOs. The Sustainability Committee created “Sustainability Learning Objectives” in [AS-688-09](#) and these were implemented to some extent with [AS-787-14](#) and [AS-792-15](#). How effective are they in their present form? Do they just function as a set of criteria for what is included in SUSCAT?

Erin Pearse | he/him
Mathematics Dept