THE “PERFECT” CASE

Prepared by:

College of Letters and Science
Academic Personnel Unit

rev. August 2017

with training notes
2018-19 Promotion

The promotion is effective 7/1/18, which is academic year 2018-19.

Proposed salary should include the o/s: $88,200 + $6,700 = $94,900 (always round to nearest $100)

Barbara Young
Geography (GEOG) @ 100%

Present Status

<table>
<thead>
<tr>
<th>Rank &amp; Step</th>
<th>Associate Professor III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary</td>
<td>$86,400</td>
</tr>
<tr>
<td>Offscale Supplement</td>
<td>$3,300</td>
</tr>
<tr>
<td>Years at Rank</td>
<td>6</td>
</tr>
<tr>
<td>Years at Step</td>
<td>2</td>
</tr>
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</table>

Proposed Status

<table>
<thead>
<tr>
<th>Rank &amp; Step</th>
<th>Professor I O/S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salary</td>
<td>$94,900</td>
</tr>
<tr>
<td>Offscale Supplement</td>
<td>$6,700</td>
</tr>
<tr>
<td>Effective Date</td>
<td>7/1/18</td>
</tr>
</tbody>
</table>

Department Votes

Yes: 25  No: 1  Abstain: 0  Not Voting: 3  Total Eligible: 29

Statement of Voting Method & Comments:

The candidate submitted review materials by the department deadline of June 30. A departmental ad hoc committee selected by the Chair prepared an appraisal of the candidate’s research, teaching, professional activities, and service to the university. That report was discussed and a vote was taken at a meeting of eligible faculty on November 8, 2016. Eligible faculty not able to attend the meeting were given the opportunity to review the file and recommendation letter and to vote on the case. Voting was done by secret ballot. Faculty merit cases in the Department of Geography are voted on by all faculty of equal or higher rank than the individual being reviewed. Spouses and domestic partners are not involved in discussions of each other’s personnel cases nor eligible to vote on each other’s personnel cases.

Case Options

Expanded Review  Promotion  Acceleration

Other information and one-of-a-kinds:

Number of extramural letters included: 7
Number suggested by the department: 4

This is also an acceleration case because the recommendation includes an increase in the o/s salary.

Fully explain the voting method employed. Who is eligible to vote, absences, unique practices (e.g. chair never votes, personnel committee votes on dean’s authority cases)
Joint Appointments must complete the Safeguard statement for both Departments.

I-26
LADDER RANK FACULTY ADVANCEMENT: PROCEDURAL SAFEGUARD STATEMENT

BARBARA YOUNG for GEOG

PRIOR TO DEPARTMENTAL REVIEW:

1. I was informed that I was to be reviewed for this personnel action and of the process as described in APM 160, 210-1 and 220, and I was informed of relevant deadlines for submission of materials.

2. I had the opportunity to ask questions, supply information and evidence, and add material to my file in preparation for the review.

3. I was informed whether or not letters of evaluation were to be sought as part of this personnel action.

4. If letters were sought (e.g., for promotion, review for advancement to Professor VI or Professor Above Scale)
   A. I had an opportunity to suggest names of evaluators; and
   B. I had the opportunity to submit, in writing, names of persons who, for reasons set forth by me, might not provide objective evaluations.

5. If an Academic Senate ad hoc committee is to be appointed, I was advised of my right to utilize any of the three options listed in Red Binder I-60. NOTE: If these options are utilized, they must be put in writing by the candidate and forwarded directly to the Vice Chancellor for Academic Personnel.

6. I was informed whether or not there were confidential documents (i.e. external letters, minority opinion reports) in my department review file and of my right to review a summary of any such documents.
   □ Yes, there are confidential documents in my file (proceed to #7)
   □ No, there are not any confidential documents in my file (proceed to #8)

7. If yes to #6, I was provided the contents of the confidential documents (i.e. external letters, minority opinion reports) in my file by means of:
   □ A. Redacted copy
   □ B. Oral Summary
   □ C. Chose not to receive contents

8. I had the opportunity to inspect all non-confidential documents in the review file.

9. I had the opportunity to provide a written statement in response to or comment upon all materials in the file.
10. I was informed of the departmental recommendation and the substance of the evaluation under each of the applicable review criteria.

☑️ A. Copy of Departmental Recommendation
☑️ B. Oral Summary
☐ C. Chose not to be informed

11. I was informed whether or not the department vote for the recommendation was unanimous or by a strong or a narrow majority.

12. I was informed of my right to make written comments, within 5 working days, to the Chair (or appropriate person) regarding the departmental recommendation. I was aware that these comments would be included in the file and made available to other voting faculty in the department.

13. I was informed of my right to make written comments regarding the departmental recommendation to the Dean and that these comments would be included in the file and available to other reviewing agencies outside of the department.

I HAVE SUBMITTED THE FOLLOWING MATERIALS:

☑️ Suggested names of evaluators (in accordance with 4A above).
☑️ Names of persons who might not provide objective evaluations (in accordance with 4B above).
☐ A written request concerning formation of a Senate ad hoc committee to the Associate Vice Chancellor for Academic Personnel (in accordance with 5 above).
☐ A written statement in response to materials in the file (in accordance with 9 above).
☐ A written statement about the departmental recommendation to the chair (in accordance with 12 above).
☐ A written statement about the recommendation to the dean in accordance with 13 above.

REVIEWING AGENCY REPORTS:

☑️ I request that copies of reviewing agency reports (Dean, CAP, ad hoc committee and any correspondance between them) be provided to me after the conclusion of my review.
☐ I do not wish to receive copies of reviewing agency reports (Dean, CAP, ad hoc committee and any correspondance between them) at the conclusion of my review, but understand that I may request them at any time in the future.
REPORT OF CATEGORY I and II COMPENSATED OUTSIDE PROFESSIONAL ACTIVITIES AND ADDITIONAL TEACHING ACTIVITIES FOR THE FISCAL YEAR ENDING JUNE 30, 2016 (APM-025)

Name: BARBARA YOUNG
Academic Title: Professor
Department: GEOG
College/School: MLPS

No outside activity reported for fiscal year ending June 30, 2016

Submitted on: July 9, 2016

Approved by: Chair, on July 31, 2016

Annual Report on Outside Professional Activities (APM-025)

AP sent an email to all faculty, chairs, and MSOs, dated 7/7/17, stating that "Forms must be completed no later than October 31, 2017 and should include activities for the period of July 1, 2016 through June 30, 2017. Because the annual reports must be included in faculty advancement cases, faculty putting forward cases during the 2017-18 cycle will need to complete the forms prior to the departmental deadline for submission of case materials."
Name:          BARBARA YOUNG          Academic Title:          Professor
Department:    GEOG          College/School:          MLPS

No outside activity reported for fiscal year ending June 30, 2017

Submitted on:  July 9, 2017

Approved by:  Chair, on August 1, 2017
November 13, 2017

TO: Alison Butler
    Associate Vice Chancellor for Academic Personnel

VIA: Pierre Wiltzius
    Dean, Mathematical, Life and Physical Sciences

FR: Dan Montello, Chair
    Department of Geography

RE: Promotion Case of Dr. Barbara Young

By a vote of 25(yes) - 1(no) - 0(abstentions) - 3(not voting, 2 on leave) of a total eligible of 29, the Department of Geography recommends the promotion of Dr. Barbara Young from Associate III to Professor I O/S, at an annual salary of $94,900 (increasing the off-scale supplement by ½ step to $6,700), effective July 1, 2018. Professor Young has been at Associate Professor III for the normative time of two years. The acceleration is in additional off-scale. There was no reason given for the 1 negative vote.

Justification for Acceleration in Salary

The recommendation of a ½ step ($3,400) increase in the off-scale supplement is based on the overall strength of Dr. Young’s research, teaching, and service record during the current review period. Her publications have had a tremendous impact on the discipline, her teaching evaluations show that she is one of the best teachers on campus, she not only served as Chair of Graduate Council, but also was an active member of CETIS, and a faculty mentor to one student in the McNair Scholars program. In 2015, she was elected to the American Academy of Arts and Sciences, one of most prestigious scholarly societies. This is a highly convincing case for the additional off-scale.

Research

Since her last evaluation, Dr. Young has published 2 articles (1 previously in press, 1 previously submitted) and 1 book (previously in press), and has 3 more articles In Press. Dr. Young publishes in the best journals, and is cited extensively in the literature.

The external letters were all supportive with one exception, Reviewer A, who while an early pioneer in the field, remains a “classict.”

The other reviewers are very complimentary with such statements as, “The rate of publication and the prestige of the outlets in which she publishes show a record of excellent and sustained scholarship” (Reviewer B), and “Dr. Young is a rising star in the field of geography. You are lucky to have her as I am sure she will become an international leader in the discipline” (Reviewer F).

In two years, Dr. Young has established herself as a cutting-edge scholar recognized by specialists in her sub-field of spatial cognition, but more importantly, also acknowledged by a wider multi-disciplinary array of scholars here and abroad as evidenced by where she publishes...
as well as what she publishes. Her work is interdisciplinary and engaged, and likely to break intellectual paths for those scholars who come after her.

Besides these valuable published contributions, Dr. Young has been awarded major funding from the NSF. The grant will fund an array of studies, and will likely result in attracting top-notch graduate students and many excellent publications. Taken together, this major grant and the recent papers make for an impressive array of research accomplishments that would merit acceleration even if it were not for Dr. Young’s equally excellent accomplishments in teaching and service, which are documented below.

**Teaching**

With great impact, Dr. Young has taught core classes, on both the undergraduate and graduate level, central to the Geography program. She has designed an interdisciplinary graduate seminar (Geog 277). Her ESCI scores are consistently above the department average for all but the larger, lower division courses she taught (Geog 3 and 55) during the review period. It is difficult to teach such a large, diverse group of students, especially when a large percentage of the class are non-majors who are only taking the course for a GE requirement. Student comments in these courses express concerns about the speed with which she speaks, and the rigor of her tests. Dr. Young is working with Instructional Consultation to address these concerns, and also consulting with senior faculty in the department, and we believe her evaluations in future years will improve. The department is also considering offering an introductory course for non-majors, and assigning Dr. Young to the introductory courses for majors.

Comments from the other courses she teaches testify to Dr. Young’s great effectiveness and impact as an instructor. In class after class, students emphasize how she taught them to think critically. They describe her as knowledgeable, challenging, awesome, enthusiastic, very accessible and fair. Students often refer to Dr. Young as the best professor they had at UCSB. She devotes a large amount of time to mentoring graduate students, and undergraduates through internships and the McNair Scholars program. She is active in our community outreach program.

Her self-assessment discusses her teaching pedagogy, which includes active learning strategies and course improvements. It is clear that he is dedicated to improving the learning outcomes for her students.

Overall, the department finds an excellent record of teaching and mentoring.

**Professional Activity**

Dr. Young maintained an impressively high level of professional activity during the review period. She presented lectures, reviewed manuscripts and grant proposals, was Editor of a highly prestigious journal, and was awarded a large NSF grant where she serves as one of three Co-PI’s.

In 2015 she was elected to the American Academy of Arts and Sciences, in recognition of the great impact that her research has had on the field. Members are selected through a highly competitive process that recognizes those who have made preeminent contributions to their disciplines. This is a great honor, especially for one so early in her career.

The department considers this an exceptionally strong record for professional activity.
Service

Dr. Young greatly exceeds the levels of university and public service shown by the majority of faculty members at UCSB. Most notably at the university level, she is Chair of Graduate Council, which takes an inordinately large amount of her time, she is also a member of another major and time-consuming committee, the Committee on Effective Teaching and Instructional Support (CETIS).

She is active in the department, chairing the Graduate Admissions Committee, which has been very successful in attracting some of the best graduate students in the country to our program. Indeed 5 of our most recent admissions have earned major national fellowships.

This is an excellent record of service for both the current review period and career.

External Letters

The Department sought external letter from eight referees. Six letter writers responded (3 department, 2 candidate, and one suggested jointly). There was one unsolicited letter. Three referees were UC-familiar. The overall tone of the letters is promising. Six external reviewers, three UC-familiar, provided letters evaluating Professor Young’s research, and all recommend tenure and promotion. Reviewer B states that her “record of excellent and sustained scholarship.” Reviewer F agrees, commenting on the quantity and quality of her work as “prolific and profound.” Reviewer E states that she is “performing at the level expected of a full professor.” Reviewer A notes cautions that her recent research trajectory into a “popular” if not “trendy” research may be problematic, “Dr. Young will undoubtedly be promoted to Professor.” Reviewer D, comments that her work is accessible to those outside the field” and concludes that her research give “practical applicability and real-world value, while not diminishing its scholarly worth.”

Summary

This is a highly convincing case for promotion to full professor with compelling evidence for an acceleration in off-scale. Her publications have had a tremendous impact on the discipline, her teaching and mentoring record is solid, and service is excellent. Her election into the American Academy of Arts and Sciences coupled with supportive external letters, confirms her scholarly achievement and importance.

Professor Young’s performance in all four areas of review is excellent and her contributions to diversity as a McNair Scholar mentor are noteworthy. We believe that Dr. Young’s case clearly merits special recognition. The Department of Geography enthusiastically recommends Dr. Young’s promotion to Professor I O/S, at an annual salary of $94,900 (increasing the off-scale by a ½ step to $6,700) to be effective July 1, 2018.
Barbara Young
Associate Professor III
Geography

Last update filed on: October 12, 2015
This update refers to the period: Sept 16, 2015 to Sept 15, 2017

Curriculum Vitae

Education
University of Southern California, B.A. (summa cum laude), Geography, 1988
Harvard University, M.A., Geography, 1990
Harvard University, Ph.D. Geography, 1996

Area of Specialization
Human Geography, Spatial Cognition

Previous Academic or Professional Appointments
1994-2000, Postdoctoral Researcher, University of Switzerland, Bern
2000-2006, Consultant, Big Think Tank Corporation
2006-2012, Assistant Professor, UC Santa Barbara, Geography
2012-present, Associate Professor, UC Santa Barbara, Geography

Professional Organizations
American Academy of Arts and Sciences
American Geographical Association
American Geographical Society
Association of American Geographers

PART I. RESEARCH
Cumulative List of Publications (or Creative Activities)

<table>
<thead>
<tr>
<th>#</th>
<th>YEAR</th>
<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2000</td>
<td>Seasonal climate forecasting and the relevance of local knowledge, Barbara Young.</td>
<td>Physical Geography, vol. 20, No. 6, pp. 447-460</td>
<td>Refereed Journal Article</td>
</tr>
<tr>
<td>3</td>
<td>2004</td>
<td>Political-economic uncertainty and the climatic hazards: The utility of climate forecasts for small-scale farmers in Tiaxcala, Mexico, Barbara Young. <a href="http://www.pnas.org/content/110/33/13312.full?sid=2f1c87ae-8326-40b8-8cb4-38235aa8b6ba">Link</a></td>
<td>Journal of the International Forum on Climate Prediction, Agriculture and Development, pp. 253-257</td>
<td>Refereed Journal Article</td>
</tr>
<tr>
<td>4</td>
<td>2008</td>
<td>Adaptation to climatic variability and change in Tiaxcala, Mexico, Barbara Young and Cecilia Cruz.</td>
<td>Climate Change, Imperial College Press, pp. 241-259</td>
<td>Book Chapter</td>
</tr>
</tbody>
</table>

Make sure current review period is correct per last bio-bib end date.

If this is the first bio-bib, use the CV from the appointment case as the basis and refer to the review period as “Since appointment to Sept. 15, 2016.”

This is the only section of the bio-bib that MUST be cumulative.

If evidence of publications are submitted via a link, the link must be listed at the end of the “Title and Author” information. The link must go directly to the specific item and should be in the final version.

Use page numbers. Reviewers see cases in one large PDF.
<table>
<thead>
<tr>
<th>#</th>
<th>YEAR</th>
<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
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<tbody>
<tr>
<td>6</td>
<td>2011</td>
<td>Institutional change, climate risk, and rural vulnerability: Cases from central Mexico, Barbara Young. <a href="http://www.pnas.org/content/110/31/12577.full?sid=2f1c87ae-8326-40b8-8cb4-38235aa8b6ba">Link</a></td>
<td>World Development, Vol. 33, No. 11, pp 56-72</td>
<td>Refereed Journal Article</td>
</tr>
<tr>
<td>7</td>
<td>2012</td>
<td>Subsistence maize production and maize liberalization in Mexico, Mark Appendini and Barbara Young.</td>
<td>The Geographical Journal, vol. 172, pp. 156-171</td>
<td>Refereed Journal Article</td>
</tr>
<tr>
<td>8</td>
<td>2013</td>
<td>Climate change and tropical agriculture: Implications for social vulnerability and food security, Barbara Young.</td>
<td>Cambridge University Press, 455 pp</td>
<td>Book</td>
</tr>
<tr>
<td>8a</td>
<td>2014</td>
<td>Climate Change Communication</td>
<td>Oxford Encyclopedia of Climate Change</td>
<td>Encyclopedia Entry</td>
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**Since Last Review**

<table>
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<tr>
<th>#</th>
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<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
</tr>
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<tbody>
<tr>
<td>10*</td>
<td>(B-2)</td>
<td>Subsistence maize production and maize liberalization in Mexico, M. Appendini and B. Young (previously B-2) <a href="http://www.pnas.org/content/110/35/14168.full?sid=7b5a60e7-dcc6-4a0f-892d-cc7c3e1e3b7b">Link</a></td>
<td>Cambridge University Press, 455 pp</td>
<td>Book</td>
</tr>
<tr>
<td>11</td>
<td>(C-1)*</td>
<td>Climate change and tropical agriculture: Implications for social vulnerability and food security, Barbara Young. (previously C-1) <a href="http://www.pnas.org/content/110/33/13240.full?sid=11f16ce2-2316-40cc-ae83-fd16ef988b39">Link</a></td>
<td>Journal of Geographical Psychology, 94, pp 156-163</td>
<td>Refereed Journal Article</td>
</tr>
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</table>

**Work In Press (available for review)**

<table>
<thead>
<tr>
<th>#</th>
<th>YEAR</th>
<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-3</td>
<td>2017</td>
<td>The promise of multimedia learning: Using the same instructional design methods across different media, B. Young. <a href="http://www.pnas.org/content/110/36/14634.full?sid=6b33e441-731d-4920-9443-cadcb5656510">Link</a></td>
<td>Learning and Instruction, vol 34, pp 3-16</td>
<td>Refereed Journal Article</td>
</tr>
</tbody>
</table>

If providing print copies of B-items, remember to include evidence of “in-press status.” For example, a press ready copy or correspondence from editor accepting the publication.
### Work Submitted (available for review)

<table>
<thead>
<tr>
<th>#</th>
<th>YEAR</th>
<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-1</td>
<td>2017</td>
<td>Teaching Geography</td>
<td>Upper Saddle River, NJ: Prentice-Hall</td>
<td>Book</td>
</tr>
<tr>
<td>C-2</td>
<td>2017</td>
<td>Learning Geography on the Web, Barbara Young and R. Clark.</td>
<td>UC Press</td>
<td>Book</td>
</tr>
<tr>
<td>C-3</td>
<td>2017</td>
<td>Learning science in virtual reality environments: Role of methods and media, Barbara Young and R. Mumbambo.</td>
<td>Journal of Geography</td>
<td>Refereed Journal Article</td>
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### Work In Progress (optional)

<table>
<thead>
<tr>
<th>TITLE AND AUTHORS</th>
<th>POTENTIAL PUBLISHER</th>
<th>CATEGORY</th>
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<tbody>
<tr>
<td>Trying to Think Straight</td>
<td>Oxford Press</td>
<td>Book</td>
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</table>

* Previously listed as Work In Press

** Previously listed as Work Submitted

† C-2 from the previous bio-bib was withdrawn from submission.

## PART II. TEACHING

The Department of Geography’s teaching load is 3 content courses per academic year. 1 Course reduction during Fall 2016 Sabbatical leave.

### Catalog Courses

<table>
<thead>
<tr>
<th>Qtr</th>
<th>Course</th>
<th>Class Type</th>
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<th>Hrs/Wk</th>
<th>Enroll</th>
<th>Eval.</th>
<th>Avail.</th>
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</thead>
<tbody>
<tr>
<td>F15</td>
<td>Geog 3, Educational Geography</td>
<td>Lec</td>
<td>4</td>
<td>3</td>
<td>56</td>
<td>Yes</td>
<td></td>
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<tr>
<td>W16</td>
<td>Geog 5, Thinking and Problems</td>
<td>Lec</td>
<td>4</td>
<td>3</td>
<td>75</td>
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<td></td>
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<tr>
<td>S16</td>
<td>Geog 277, Advanced Navels</td>
<td>Sem</td>
<td>4</td>
<td>1</td>
<td>5</td>
<td>No</td>
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<tr>
<td>F16</td>
<td>Sabbatical Leave</td>
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<td></td>
<td>[Reminder: upload the sabbatical report]</td>
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<tr>
<td>W17</td>
<td>Geog 55, Meditating</td>
<td>Lec</td>
<td>4</td>
<td>3</td>
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<td>Yes</td>
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<tr>
<td>S17</td>
<td>Geog 197, Deep Thinking</td>
<td>Lec</td>
<td>4</td>
<td>3</td>
<td>40</td>
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### Undergraduate Projects Directed:

<table>
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<tr>
<th>Student</th>
<th>Project</th>
<th>Chair/Member</th>
<th>Yr Project Completed</th>
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</thead>
<tbody>
<tr>
<td>Steven Big</td>
<td>Honors Thesis</td>
<td>Chair</td>
<td>2016</td>
</tr>
<tr>
<td>Isabella Garcia-Shapiro</td>
<td>Honors Thesis/(McNair Scholar)</td>
<td>Member</td>
<td>2017</td>
</tr>
</tbody>
</table>

*(students should be named)*
**Graduate Degree Committees:**

**MA Committees**

<table>
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<tr>
<th>Student</th>
<th>Yr Deg. Compl.</th>
<th>Chair/Member</th>
<th>Optional Info (e.g. Current Emp.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xena Princess</td>
<td>2016</td>
<td>Chair</td>
<td>PhD student, UCSB</td>
</tr>
<tr>
<td>Conan Barbarian</td>
<td>2017</td>
<td>Member</td>
<td>Actor</td>
</tr>
<tr>
<td>Candace Flynn</td>
<td>2017</td>
<td>Chair</td>
<td>Student, UCSB</td>
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**PhD Committees**

<table>
<thead>
<tr>
<th>Student</th>
<th>Yr Deg. Compl.</th>
<th>Chair/Member</th>
<th>Optional Info (e.g. Current Emp.)</th>
</tr>
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<tbody>
<tr>
<td>Almond Joy</td>
<td>2015</td>
<td>Chair</td>
<td>Asst Prof, UCLA</td>
</tr>
<tr>
<td>Bobby Joe</td>
<td>2016</td>
<td>Member</td>
<td>Consultant</td>
</tr>
<tr>
<td>H. Doofenshmirtz</td>
<td>In progress</td>
<td>Co-chair</td>
<td>Sociology PhD student, UCSB</td>
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**Postdoctoral Scholars Supervised:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>Stacie Hirano, UC Presidents Postdoctoral Fellow (UC Los Angeles)</td>
</tr>
</tbody>
</table>

**Other Teaching Contributions:**

- Coordinated a weekly research group seminar for graduate students
- New Course developed: Geog 277

**PART III. PROFESSIONAL ACTIVITIES**

**Lectures Presented:**

<table>
<thead>
<tr>
<th>Month/Yr</th>
<th>Title</th>
<th>Meeting/Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 2015</td>
<td>“Reciting the Alphabet Backwards Fast”</td>
<td>Annual Meeting of the European Society for Research in Learning, Paris, France</td>
</tr>
<tr>
<td>January 2016</td>
<td>“The Psychology of Learning”</td>
<td>Nobel Committee, Oslo, Norway</td>
</tr>
<tr>
<td>July 2016</td>
<td>“Talking, Thinking and Walking”</td>
<td>Psychology Today Conference, Cleveland, OH</td>
</tr>
</tbody>
</table>

**Grants and Contracts**

<table>
<thead>
<tr>
<th>Years</th>
<th>Source</th>
<th>Title</th>
<th>Amt.</th>
<th>PI</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Continuing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13-16</td>
<td>NIH</td>
<td>Space is the Place</td>
<td>$100,00</td>
<td>B. Young</td>
</tr>
<tr>
<td></td>
<td></td>
<td>New</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-17</td>
<td>NSF</td>
<td>Making BIG Science</td>
<td>$2,500,000</td>
<td>B. Young</td>
</tr>
</tbody>
</table>
Awards and Honors:
Elected Fellow, The American Academy of Arts and Sciences, 2016

Reviewing and Refereeing Activity:

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity and for Whom</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-17</td>
<td>Ad-Hoc Reviewer, NSF</td>
</tr>
</tbody>
</table>

Special Appointments (e.g., Editorships, Officer of Prof. Organization):

<table>
<thead>
<tr>
<th>Years</th>
<th>Position</th>
<th>Type of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-16</td>
<td>Chair</td>
<td>Thorndike Award Committee</td>
</tr>
<tr>
<td>16-17</td>
<td>Editor</td>
<td>Geography Today</td>
</tr>
</tbody>
</table>

Other Professional Contributions (e.g., Consulting or other application of your prof. expertise):
Nov. 2015 Provided consulting services for legal review of court case involving learning disabilities.

PART IV. SERVICE

University Service (Including administrative posts held):

<table>
<thead>
<tr>
<th>Years</th>
<th>Position</th>
<th>Type of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-16</td>
<td>Member</td>
<td>Search Committee for AVC for Public Affairs</td>
</tr>
<tr>
<td>15-16</td>
<td>Chair</td>
<td>Graduate Council</td>
</tr>
<tr>
<td>15-16</td>
<td>Member</td>
<td>Committee on Effective Teaching and Instructional Support</td>
</tr>
<tr>
<td>16-17</td>
<td>Chair</td>
<td>Department Graduate Admissions Committee</td>
</tr>
</tbody>
</table>

Public Service (Including service to K-12 Education):

<table>
<thead>
<tr>
<th>Years</th>
<th>Position</th>
<th>Type of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-16</td>
<td>Presenter</td>
<td>Geography Awareness Week, Hope School</td>
</tr>
<tr>
<td>16-17</td>
<td>Chair</td>
<td>SB Beautiful Committee</td>
</tr>
</tbody>
</table>
Self Assessment of Teaching

Barbara Young

I love to teach and have ever since the first time I stepped in front of a classroom as a TA in grad school at Harvard. I welcome feedback from students and my TA’s because I know that there is always room for improvement. I focus on having the students understand basic theoretical concepts and how these concepts can be applied to solve problems, rather than memorizing nomenclature and amassing historical information.

While the ESCI scores for the upper division and graduate courses that I taught were very good, the evals for the lower division courses (3 and 55) were disappointing, especially considering that I put so much work into revising the course lectures. There is an art to teaching a large class that includes many non-majors who are only taking the course to fulfill a GE requirement. I am actively addressing these issues with Instructional Consultation and senior faculty in the department to improve my teaching methods in these courses.

I designed a new interdisciplinary graduate seminar (Geog 277) course which was offered for the first time in Spring 2016, and has gotten very positive feedback. I believe that the course is a valuable addition to the graduate curriculum.

Add assessment of Research and/or Diversity activities, if applicable.
The main focus of my sabbatical leave was on studying how educational technology can be used to support and promote human learning. In particular, I focused on developing research-based principles for the design of web-based instruction. As a cognitive geographer, I recognize that web-based instruction is most likely to be successful when it is consistent with the way that the human mind works (including sensitivity to the limits of working memory and the idea that people possess separate verbal and visual information processing channels). Thus, the study of web-based multimedia learning can be an excellent venue for testing theories of human learning. The goal of my sabbatical was for me to develop a research agenda for studying web-based instruction.

I went to a number of different universities to conduct these studies, including Princeton, Harvard, Yale, Oxford, Cambridge and Texas A&M. I had also planned to take an extended trip to Spain to visit colleagues in Barcelona, however, I was not able to make the trip because of scheduling conflicts. Instead I collaborated by email and telephone.

Overall, the sabbatical was successful in allowing me to gather first-hand information from leaders in my field of learning. It has resulted in 4 papers, which will all be published within the next 6 months. I also plan to produce a book that summarizes our research. And, I will continue to submit extramural grant proposals to the National Science Foundation.
Barbara Young -- Extramural Referees

SUGGESTED BY DEPARTMENT

A) Gulliver Mellowes – Professor Emeritus of Geography, Harvard University. Leading educational geographer in the area of textbook organization. His groundbreaking book, *Textbook Methodologies*, has been the foundation for numerous studies since its publication in 1963.

B) Oscar Meyer – Professor of Geography, UC Berkeley. Credited as the first geographer to fully appreciate the importance of employing a multimedia dimension to education. He has been a past editor of the *Journal of Education Geography*.

C) Carla Jung – Professor of Experimental Geography, UCLA. Winner of the Rorschach Prize for her book, *Creative Memorization Keys for Adolescents*. Her experimental techniques have been the cornerstone to building the concept of “media” as an educational tool for use at the secondary level. Dr. Jung served on Dr. Young’s dissertation committee.

SUGGESTED BY CANDIDATE

D) Sheer Khan – Professor of Communication, Oxford University. Past president of the Association for Communication Studies, his seminal work on India’s evolving use of its film industry in educating its rural population showed the power of media and its potential as a proactive tool in changing a general malaise in Indian education. Wrote letter for tenure case.

F) Minnie Mouse – Professor of Geography, University of Washington. Leading scholar of geographical methodologies. She has written numerous articles delving into media and education. A prolific writer, she is best known for her series in *Education Today*, in which she argued that understanding a child’s psyche throughout the elementary and secondary school years is the best barometer in gauging when to introduce certain curricula, specifically the sciences and languages.

SUGGESTED JOINTLY

UNSOLICITED COMMENTS

G) Morton Snelly – Associate Professor of Education, UC Santa Barbara. Coordinator of the Master’s of Education/Teaching Credential program in the Graduate School of Education at the university; he authored *How to Teach in Today’s Public High Schools* which was published in 1999. Dr. Young is a frequent guest lecturer in Dr. Snelly’s course on Educational Psychology.

DID NOT RESPOND

Whyte Rabbet – Professor of Cultural Psychology, Yale University. Declined for lack of time. *Suggested by Department.*

Austin Powers – Professor of Communication, Cambridge University. Declined, no reason given. *Suggested by Department.*

CANDIDATE REQUEST TO NOT CONTACT

Dr. Jonathan Livingstone
Cambridge University

Dr. Allison Tsunami
Harvard University

The following enclosures were submitted with solicitation letter:

CV

Publications Numbers: 3, 6, 9, 10, 11, B-1, B-2, and B-3

RB I-46:

“The letters solicited by the department should come from scholars who have not been closely associated with the candidate as collaborators in research, or as teachers, colleagues, or personal friends. An effort should also be made not to contact individuals who have contributed letters for prior reviews of the same candidate.”
(CV sent to external reviewers)

BARBARA YOUNG

DEPARTMENT OF GEOGRAPHY
UNIVERSITY OF CALIFORNIA
SANTA BARBARA, CA
805-893-1111
805-893-2222 (FAX)
byoung@geog.ucsb.edu

Education

Ph.D., Geography, Harvard University, June 1996
M.A., Education, Harvard University, September 1990
B.A, (summa cum laude), Psychology, University of Southern California, June 1988

Publications

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TITLE and AUTHORS</th>
<th>PUBLISHER</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Seasonal climate forecasting and the relevance of local knowledge, Barbara Young.</td>
<td>Physical Geography, vol. 20, No. 6, pp. 447-460</td>
<td>Refereed Journal Article</td>
</tr>
<tr>
<td>2008</td>
<td>Adaptation to climatic variability and change in Tiaxcala, Mexico, Barbara Young and Cecilia Cruz.</td>
<td>Climate Change, Imperial College Press, pp. 241-259</td>
<td>Book Chapter</td>
</tr>
<tr>
<td>2013</td>
<td>Climate change and tropical agriculture: Implications for social vulnerability and food security, Barbara Young.</td>
<td>Cambridge University Press, 455 pp</td>
<td>Book</td>
</tr>
</tbody>
</table>

2016 Subsistence maize production and maize liberalization in Mexico, Mark Appendedi and Barbara Young. Cambridge University Press, 455 pp Book

2016 Climate change and tropical agriculture: Implications for social vulnerability and food security, Barbara Young. Journal of Geographical Psychology, 94, 156-163 Refereed Journal Article

Manuscripts In Press or Submitted for Review


2017 The promise of multimedia learning: Using the same instructional design methods across different media, Barbara Young. Learning and Instruction Refereed Journal Article


2017 Learning Geography on the Web, Barbara Young and R. Clark. UC Press Book


Professional Presentations:


July 2016, “Talking, Thinking and Walking”, Psychology Today Conference, Cleveland, OH.

Awards and Honors:
Elected Fellow, The American Academy of Arts and Sciences, 2016

Professional Memberships:
American Academy of Arts and Sciences
American Geographical Association
American Geographical Society
Association of American Geographers
May 20, 2017

Dr. Gulliver Mellowes
Department of Geography
Harvard University
Cambridge, MA 01234

Dear Dr. Mellowes,

I am writing to ask for your assistance in an important matter. Dr. Barbara Young is being considered for promotion to Professor in the Department of Geography. Individuals under consideration for this rank have attained tenure at the Associate Professor rank. The record of performance in (a) teaching, (b) research or other creative work, (c) professional activity, and (d) University and public service is carefully assessed. A candidate for promotion to the rank of Professor is expected to have an accomplished record of research that is judged to be excellent by his or her peers within the larger discipline or field. Reasonable flexibility is used in making personnel judgments, but flexibility does not entail the relaxation of high standards. Superior intellectual attainment, as evidenced both in teaching and in research or other creative achievement, is an indispensable qualification for promotion to a Professor rank position. While you may not be familiar with all aspects of the record, we appreciate your comments related to those areas with which you are familiar. Please also indicate whether or not you would support the recommended action based on your knowledge of Dr. Young and her record.

Although the contents of your letter may be passed on to the candidate at prescribed stages of the review process, your identity will be held in confidence. The material made available will lack the letterhead, the signature block, and material below the latter. Therefore, material that would identify you, particularly your relationship to the candidate, should be placed below the signature block. In any legal proceeding or other situation in which the source of confidential information is sought, the University does its utmost to protect the identity of such sources.

I realize what an imposition on your time these requests are. I want to thank you in advance for your willingness to assist in this matter. I would greatly appreciate receiving your letter by October 5, 2017 at the latest. You may fax or email the letter as well.

Sincerely,

Dan Montello
Chair
Encls.
September 30, 2017

Dr. Morton L. Snelly
Associate Professor
Graduate School of Education
University of California
Santa Barbara, CA 93106

Dear Dr. Snelly,

Thank you for sending us your letter of recommendation regarding Dr. Barbara Young who is currently being considered for promotion to Professor in our department.

Although the contents of your letter may be passed on to the candidate at prescribed stages of the review process, your identity will be held in confidence. The material made available will lack the letterhead, the signature block, and material below the latter. Therefore, material that would identify you, particularly your relationship to the candidate, should be placed below the signature block. In any legal proceeding or other situation in which the source of confidential information is sought, the University does its utmost to protect the identity of such sources.

I would appreciate if you would inform me whether, in light of our policies, we may proceed with the use of your letter in the personnel file or if you wish it to be destroyed. If you do not respond by October 12, 2017 the materials will be maintained in our files.

Thank you again for your assistance with this case.

Sincerely,

Dan Montello
Chair

Reviewer G’s letter was unsolicited so this letter was sent to him.
September 4, 2017

Dr. Dan Montello  
Department of Geography  
University of California  
Santa Barbara CA 93106

Dear Dr. Montello:

You have asked me to evaluate Dr. Barbara Young for promotion to Professor in your department.  
Inasmuch as our research intersects in several areas, I have been aware of Dr. Young’s work for many years, and feel I can provide you with a fair and balanced assessment of her work.

It is my belief that much of Dr. Young’s early work, which did indeed receive wide acclaim for one so junior in her career, was, more often than not, a mere synthesis of divergent views in the field that she was able to pass off as new and original thinking.  Her derivative article on story problems was based almost entirely on research done in Switzerland by Cagney and Lacey.

As her thinking matured, however, she did make some genuine contributions to the field of Geography.  Her book, Subsistence Maize Production and Maize Liberalization in Mexico, was truly groundbreaking, and remains one of the bibles of the discipline.  It is this work, I think, that could make the case for her promotion.

That said, I should like to comment briefly on the direction her more recent research has taken, and warn you that I have reservations about her descent into areas traditionally regarded as “popular.”  The whole fascination with “multimedia” is, at the very least, trendy, and will soon, I am certain, be discredited by the profession.  It saddens me to see a scholar of Dr. Young’s caliber misled by the dazzle of talk shows and public acclaim.

These curmudgeonly reservations aside, Dr. Young will undoubtedly be promoted to Professor.  Her work is energetic and versatile, and appears in highly rated journals.  I am certain that many universities would consider her qualified for promotion.

Sincerely,

Gulliver Mellowes  
Professor Emeritus  
Harvard University
September 21, 2017

Dr. Dan Montello
Department of Geography
University of California
Santa Barbara CA 93106

Dear Dr. Montello:

I am pleased to be able to write this letter evaluating Dr. Barbara Young’s candidacy for promotion to the rank of Professor. Dr. Young and I work in related areas, and I have known her and her work for a number of years. Our relationship is professional. I cannot comment on her teaching or service, but I am quite comfortable providing a fair appraisal of her scholarly achievements.

The rate of publication and the prestige of the outlets in which she publishes show a record of excellent and sustained scholarship. The integrative quality of her work is unparalleled in the area of geography. She combines the essence of classical research with the principles of current empirical thinking to create an entirely new trajectory in the discipline.

Dr. Young’s book, *Subsistence Maize Production and Maize Liberalization in Mexico*, marks a major shift in cognitive and affective explanations for how maize production happens. The versatility of her thinking here is positively mind-boggling, as she requires the reader to actually experience her hypothesis in the act of reading her work. Few other scholars have this talent.

I am also watching with interest and awe as her research interests carry her into the multimedia arena. Her research in developmental and cognitive learning impediments shows great promise, and I am certain it will have social implications for many years to come. Her collaboration with other scholars in wide-ranging areas also bodes well for the multi-disciplinary direction she has embarked upon. Her latest article in the *Journal of Geographical Psychology* on social cues in multimedia learning offers the definitive argument for the continued value of reading.

I have no hesitation whatsoever in recommending Dr. Young for promotion to Professor. She has made a highly significant contribution to not only our discipline, but to many others as well. There is no doubt that at my University she would be promoted.

Best Wishes,

Oscar Meyer
Professor of Geography
University of California, Berkeley
September 2, 2017

Dr. Dan Montello  
Department of Geography  
University of California  
Santa Barbara CA 93106

Dear Dr. Montello:

I am responding to your request for an evaluation of Dr. Barbara Young for promotion to Professor. I have known Dr. Young since her days in graduate school and feel well qualified to comment upon her accomplishments.

Based on the evidence, I strongly support the case for promotion. Her research in geography is highly significant, and I think her contribution not only to research but also to teaching and service is impressive.

Dr. Young’s career path demonstrates a wide versatility. Some of her early work with Dr. Cruz in Mexico produced some truly ingenious experiments exploring the role of climatic change on crop production. Most recently, she has focused her attention on multimedia situations, where she is frequently on the cutting edge. Her recent article on social cues has had great impact on the profession. This article was co-authored with a former student, which again shows the generosity Dr. Young frequently bestows on her graduates to help them start their professions.

Her major contribution, however, lies in her great work, *Subsistence Maize Production and Maize Liberalization in Mexico*. This was a groundbreaking work, and proposed a new framework for describing the relationship between thinking and speaking.

The size of her grants and her election into the American Academy of Arts & Sciences speak to her standing in the profession, as do the venues in which she publishes. Her contributions to the field are numerous; her record speaks for itself, and does not need more discussion from me to justify her promotion to professor. Please let me know if I can offer you further assistance.

Yours truly,

Carla Jung  
Professor of Experimental Geography
September 25, 2017

Dr. Dan Montello
Department of Geography
University of California
Santa Barbara CA 93106

Dear Dr. Montello:

I write in response to your request for an evaluation of Dr. Barbara Young for promotion to Professor. It is with great pleasure that I write this letter, as there is no question that Dr. Young should be promoted. While I do not know Dr. Young personally, her publications are legendary, and have had great influence in the field of geography.

Her most recent research in this area focuses on multimedia aspects of educational geography, and has essentially defined the boundaries for this scholarship. By revealing the relationship between cognitive activity and empirical emotion, she has enabled us to see how mood and behavior influenced thinking and speaking. The far-reaching implications of this paradigm will influence the direction of the discipline for the foreseeable future.

Her book, Learning Geography on the Web, shows she is able to assess the parameters of the discipline, and lead its scholars to the limits of synthesized research and theory. Dr. Young’s work, above all, is accessible to those outside the field. Some, perhaps, do not find this commendable, preferring to shroud knowledge in jargon. Dr. Young’s ability to transcend the arcane and allow the laity, as it were, to partake of the holy mysteries of the profession, gives her research practical applicability and real-world value, while not diminishing its scholarly worth.

Clearly, this is a case for promotion. Please do not hesitate to contact me if you require further information.

Sincerely,

Sheer Khan
Professor of Communication
August 14, 2017

Dear Dr. Montello:

This letter is in response to your request for a letter of evaluation regarding the advancement of Dr. Barbara Young to Professor.

Professor Young is a highly respected and diverse geographer. I became acquainted with her work when she was collaborating with Dr. Cruz in Mexico, and have watched as her career has progressed from there. Her early work with climate change problems was most interesting, and her book, *Subsistence Maize Production and Maize Liberalization in Mexico*, was certainly noteworthy, particularly in its discussion of both material and theoretical cognitivity. Her more recent work with multimedia projects is most impressive, and is a young area of the discipline. I suspect that Dr. Young will long be regarded as a pioneer in this exciting new field.

My overall impression of Dr. Young is that she is a steady and solid geographer, performing at the level expected of a full professor. I have no direct knowledge of her ability as a teacher, but the talks she presents at professional meetings are well organized and clearly presented in such a way as to make me suspect that she is a capable instructor.

I hope these comments assist you in your evaluation.

Yours truly,

Betty Boop
Professor Emeritus of Cultural Geography
August 18, 2017

Dr. Dan Montello
Department of Geography
University of California
Santa Barbara CA 93106

Dear Dr. Montello:

I write in response to your request of May 20, 2015 that I evaluate Dr. Barbara Young’s case for promotion to Professor. This is a simple task, as I am convinced that Dr. Young’s reputation in the field is well-deserved. All her work is highly regarded and much of it is responsible for the advancement of educational geography.

Dr. Young’s work is praiseworthy not only for its quantity, but more especially for its quality: she is a rare scholar who can be both prolific and profound. There are few other educational geographers with the breadth and depth of interests demonstrated by Dr. Young. Her contributions are sustained and theoretically significant.

Her research contributions speak for themselves, but I would also like to comment on her training and placing of graduate students. Dr. Young’s students enter the profession well prepared, frequently with publications to their credit, and go onto make respectable names for themselves at first-rate institutions. Few professors who publish as prodigiously as Dr. Young also devote so much of their time to mentoring.

In conclusion, I am convinced that Dr. Young is a rising star in the field of geography. You are lucky to have her as I am sure she will become an international leader in the discipline. Her promotion is well-deserved.

Best wishes,

Minnie Mouse
Professor of Geography

This letter was sent as an attachment to an email; be sure to upload the email as well (see next page).
Date: Wednesday, August 18, 2016 10:44 AM -0700
From: Minnie Mouse <mmouse@geog.wash.edu>
To: chair@geog.ucsb.edu
Subject: Reference for Barbara Young

Please find my letter of reference for Dr. Barbara Young attached.

Cheers,

Minnie Mouse
Professor of Geography
University of Washington
September 23, 2017

Dr. Dan Montello  
Department of Geography  
University of California  
Santa Barbara CA 93106

Dear Dr. Montello:

It has come to my attention that Dr. Young is being considered for promotion to Professor in your department. I would like to offer my enthusiastic support for this action.

Dr. Young has been a frequent guest in my Educational Psychology course, which is required of all credential candidates in the Graduate School of Education. The students in this class are very grateful to have a speaker with Dr. Young’s reputation, and many have designed their teaching goals to include her methodologies.

Her newer work in multimedia is extremely important for many of our student teachers, who need to learn ways to motivate students brought up on video games, rather than books. Dr. Young has provided them with many fine suggestions that will in turn make them better teachers.

I would like to conclude by praising Dr. Young for her generosity with her time, and by asking you to please contact me if there is any further information that would assist you with this case. Dr. Young should certainly be promoted.

Sincerely,

Morton L. Snelly  
Associate Professor  
Graduate School of Education
September 4, 2017

Dr. Dan Montello
Department of Geography
University of California
Santa Barbara CA 93106

Dear Dr. Montello:

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That said, I should like to comment briefly on the direction her more recent research has taken, and warn you that I have reservations about her descent into areas traditionally regarded as “popular.” The whole fascination with “multimedia” is, at the very least, trendy, and will soon, I am certain, be discredited by the profession. It saddens me to see a scholar of Dr. Young’s caliber misled by the dazzle of talk shows and public acclaim.

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September 2, 2017

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Department of Geography
University of California
Santa Barbara CA 93106

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Yours truly,
September 25, 2017

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University of California  
Santa Barbara CA 93106

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Professor Young is a highly respected and diverse geographer. I became acquainted with her work when she was collaborating with Dr. Cruz in Mexico, and have watched as her career has progressed from there. Her early work with climate change problems was most interesting, and her book, *Subsistence Maize Production and Maize Liberalization in Mexico*, was certainly noteworthy, particularly in its discussion of both material and theoretical cognitivity. Her more recent work with multimedia projects is most impressive, and is a young area of the discipline. I suspect that Dr. Young will long be regarded as a pioneer in this exciting new field.

My overall impression of Dr. Young is that she is a steady and solid geographer, performing at the level expected of a full professor. I have no direct knowledge of her ability as a teacher, but the talks she presents at professional meetings are well organized and clearly presented in such a way as to make me suspect that she is a capable instructor.

I hope these comments assist you in your evaluation.

Yours truly,
August 18, 2017

Dr. Dan Montello  
Department of Geography  
University of California  
Santa Barbara CA 93106

Dear Dr. Montello:

I write in response to your request of May 20, 2014 that I evaluate Dr. Barbara Young's case for promotion to Professor. This is a simple task, as I am convinced that Dr. Young’s reputation in the field is well-deserved. All her work is highly regarded and much of it is responsible for the advancement of educational geography.

Dr. Young's work is praiseworthy not only for its quantity, but more especially for its quality: she is a rare scholar who can be both prolific and profound. There are few other educational geographers with the breadth and depth of interests demonstrated by Dr. Young. Her contributions are sustained and theoretically significant.

Her research contributions speak for themselves, but I would also like to comment on her training and placing of graduate students. Dr. Young’s students enter the profession well prepared, frequently with publications to their credit, and go onto make respectable names for themselves at first-rate institutions. Few professors who publish as prodigiously as Dr. Young also devote so much of their time to mentoring.

In conclusion, I am convinced that Dr. Young is a rising star in the field of geography. You are lucky to have her as a I am sure she will become an international leader in the discipline. Her promotion is well-deserved.

Best wishes,
September 23, 2017

Dr. Dan Montello  
Department of Geography  
University of California  
Santa Barbara CA 93106

Dear Dr. Montello:

It has come to my attention that Dr. Young is being considered for promotion to Professor in your department. I would like to offer my enthusiastic support for this action.

Dr. Young has been a frequent guest in my Educational Psychology course, which is required of all credential candidates in the Graduate School of Education. The students in this class are very grateful to have a speaker with Dr. Young’s reputation, and many have designed their teaching goals to include her methodologies.

Her newer work in multimedia is extremely important for many of our student teachers, who need to learn ways to motivate students brought up on video games, rather than books. Dr. Young has provided them with many fine suggestions that will in turn make them better teachers.

I would like to conclude by praising Dr. Young for her generosity with her time, and by asking you to please contact me if there is any further information that would assist you with this case. Dr. Young should certainly be promoted.

Sincerely,
ONE-OF-A-KIND ITEMS
**ESCI INSTRUCTOR SUMMARY REPORT**
Department of GEOGRAPHY

**Campus Item A: Instructor's TEACHING Ratings**
For The Five Year Period Fall 2012 Through Spring 2017 (Over Time)
Response Anchors: (a) Excellent, (b) Very Good, (c) Good, (d) Fair, (e) Poor

<table>
<thead>
<tr>
<th>YrQtr</th>
<th>Course</th>
<th>Units</th>
<th>Response Rate</th>
<th>Total Enrolled</th>
<th>Total Surveys</th>
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<th>1</th>
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<td>F 15</td>
<td>GEOG 3</td>
<td>4.0</td>
<td>89%</td>
<td>56</td>
<td>50</td>
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<td>33%</td>
<td>33%</td>
<td>19%</td>
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<tr>
<td>W 16</td>
<td>GEOG 5</td>
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<td>75</td>
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<td>0</td>
<td>25%</td>
<td>45%</td>
<td>18%</td>
<td>11%</td>
<td>2%</td>
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<tr>
<td>W 17</td>
<td>GEOG 55</td>
<td>4.0</td>
<td>85%</td>
<td>100</td>
<td>85</td>
<td>2</td>
<td>65%</td>
<td>22%</td>
<td>12%</td>
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<td>0%</td>
<td>1.5</td>
<td>1</td>
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<tr>
<td>S 17</td>
<td>GEOG 197</td>
<td>4.0</td>
<td>78%</td>
<td>40</td>
<td>31</td>
<td>1</td>
<td>50%</td>
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**Campus Item A - Undergraduate Courses**

**Department Over Time (Student Wtd)**

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**Undergraduate Norms**

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<td>Division Over Time (Student Wtd)</td>
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<td>College Over Time (Student Wtd)</td>
<td>14408</td>
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**Faculty Only**

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<td>16195</td>
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For more information on ESCI please visit the website of Instructional Consultation at [http://www.oic.id.ucs.edu](http://www.oic.id.ucs.edu), and select ESCI under the “Programs and Services” heading.

NOTICE: Please examine this report upon receipt and immediately report any suspected errors to: ESCI Coordinator, Office of Instructional Consultation, 1130 Kerr Hall (x4278).

Campus Item A: Instructor’s TEACHING Ratings
# ESCI Instructor Summary Report

## Department of GEOGRAPHY

### Campus Item B: COURSE Quality Ratings

For The Five Year Period Fall 2012 Through Spring 2017 (Over Time)

Response Anchors: (a) Excellent, (b) Very Good, (c) Good, (d) Fair, (e) Poor

<table>
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<th>YrQtr</th>
<th>Course</th>
<th>Units</th>
<th>Response Rate</th>
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<th>2 (b)</th>
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<td>Barbara Young - - Campus Item B</td>
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### Undergraduate Courses

- **F 15** GEOG 3
  - Units: 4.0
  - Response Rate: 89%
  - Total Enrolled: 56
  - Surveys Returned: 50
  - Total Blanks: 0
  - Ratings:
    - 1 (a) Excellent: 33%
    - 2 (b) Very Good: 33%
    - 3 (c) Good: 19%
    - 4 (d) Fair: 15%
    - 5 (e) Poor: 0%
  - Mean: 2.1
  - Total Courses: 1

- **W 16** GEOG 5
  - Units: 4.0
  - Response Rate: 87%
  - Total Enrolled: 75
  - Surveys Returned: 65
  - Total Blanks: 0
  - Ratings:
    - 1 (a) Excellent: 25%
    - 2 (b) Very Good: 45%
    - 3 (c) Good: 18%
    - 4 (d) Fair: 11%
    - 5 (e) Poor: 2%
  - Mean: 2.2
  - Total Courses: 1

- **W 17** GEOG 55
  - Units: 4.0
  - Response Rate: 85%
  - Total Enrolled: 100
  - Surveys Returned: 85
  - Total Blanks: 2
  - Ratings:
    - 1 (a) Excellent: 65%
    - 2 (b) Very Good: 22%
    - 3 (c) Good: 12%
    - 4 (d) Fair: 2%
    - 5 (e) Poor: 0%
  - Mean: 1.5
  - Total Courses: 1

- **S 17** GEOG 197
  - Units: 4.0
  - Response Rate: 78%
  - Total Enrolled: 40
  - Surveys Returned: 31
  - Total Blanks: 1
  - Ratings:
    - 1 (a) Excellent: 50%
    - 2 (b) Very Good: 34%
    - 3 (c) Good: 15%
    - 4 (d) Fair: 1%
    - 5 (e) Poor: 0%
  - Mean: 1.7
  - Total Courses: 1

### Undergraduate Norms

- **Department Over Time (Student Wtd)**: 1728, 121, 41%, 33%, 17%, 8%, 1%, 2.2, 142
- **Division Over Time (Student Wtd)**: 146907, 9949, 37%, 32%, 20%, 8%, 2%, 2.1, 2761
- **College Over Time (Student Wtd)**: 530353, 35705, 45%, 31%, 16%, 6%, 2%, 1.9, 14408
- **Campus Over Time (Student Wtd)**: 570470, 37962, 45%, 31%, 16%, 6%, 2%, 1.9, 16195

### Faculty Only

- **Department Over Time (Course Wtd)**: 44%, 33%, 15%, 7%, 1%, 1.9, 142
- **Division Over Time (Course Wtd)**: 41%, 32%, 18%, 7%, 2%, 2.0, 2761
- **College Over Time (Course Wtd)**: 55%, 28%, 12%, 4%, 1%, 1.7, 14408
- **Campus Over Time (Course Wtd)**: 54%, 28%, 13%, 4%, 1%, 1.7, 16195

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Political-economic Uncertainty and the Climatic Hazards: The Utility of Climate Forecasts for Small-Scale Farmers in Tiaxcala, Mexico

2004

Barbara Young

Journal of the International Forum on Climate Prediction, Agriculture and Development
Institutional change, climate risk, and rural vulnerability: Cases from central Mexico

2011

Barbara Young

World Development, Vol. 33, No. 11
Engaging Students in Active Learning: The Case for Personalized Multimedia Messages

2015

Barbara Young and R. Moreno

World Development, Vol. 33, No. 11
Subsistence Maize Production and Maize Liberalization in Mexico

2016

Mark Appendeni and Barbara Young

Cambridge University Press
Climate Change and Tropical Agriculture: Implications for Social Vulnerability and Food Security

2016

Barbara Young

Journal of Geographical Psychology
Assessing the Vulnerability of Social-Environmental Systems

2017

Barbara Young and Amy Lauer

Annual Review of Environment and Resources
Social Cues in Multimedia Learning: Role of Speaker’s Voice

2017

K. Soto, P.D. Moonstone and Barbara Young

Journal of Geographical Psychology
The Promise of Multimedia Learning: Using the Same Instructional Design Methods Across Different Media

2017

Barbara Young

Learning and Instruction
Learning Geography on the Web
2017

Barbara Young and R. Clark

UC Press
Learning Science in virtual reality environments: Role of methods and media

2017

Barbara Young and R. Mumbambo

Journal of Geography