Office of the President

TO MEMBERS OF THE ACADEMIC AND STUDENT AFFAIRS COMMITTEE:

<u>ACTION ITEM</u>

For Meeting of January 22, 2020

APPROVAL OF REVISED PROFESSIONAL DEGREE SUPPLEMENTAL TUITION SCHEDULES FOR SIX GRADUATE PROFESSIONAL DEGREE PROGRAMS AND PROFESSIONAL DEGREE SUPPLEMENTAL TUITION FOR FOUR GRADUATE PROFESSIONAL DEGREE PROGRAMS

EXECUTIVE SUMMARY

This action item requests the Regents' approval of the revised Professional Degree Supplemental Tuition (PDST) schedules for the four law programs at UC Berkeley, UC Davis, UC Irvine, and UCLA and the two business programs at UC Irvine and UC San Diego. This is a follow-up action responding to recommendations made at the March 2019 meeting, at which these programs' multi-year plans and the PDST levels for the first two years were approved subject to the condition that programs submit a revised fee schedule that eliminates over time the PDST differential between resident and nonresident students, who also pay Nonresident Supplemental Tuition in addition to PDST and other charges. The maximum annual PDST levels in the revised fee schedules would be effective immediately.

Also, this action item requests the Regents' approval of four multi-year plans to assess PDST at the following graduate professional degree programs: Genetic Counseling at UCLA, Environmental Data Science at UC Santa Barbara, Environment Science and Management at UC Santa Barbara, and Human-Computer Interaction at UC Santa Cruz. The establishment of these PDSTs and the annual PDST levels specified in the programs' multi-year plans would be effective upon approval of the plans.

All programs meet the requirements of Regents Policy 3103: Policy on Professional Degree Supplemental Tuition. Their multi-year plans describe strategies for creating a robust level of racial and ethnic diversity, include plans for the use of financial aid to ensure accessibility, and demonstrate programmatic needs that justify the proposed PDST levels. The four programs seeking to establish PDST have consulted with faculty and prospective students or students in similar degree programs to gauge interest in the program and support for PDST levels as described in their plans.

RECOMMENDATION

The President of the University recommends that the Academic and Student Affairs Committee recommend that the Regents approve the revised Professional Degree Supplemental Tuition (PDST) fee schedules for the six business and law programs as shown in Display 1A, and the multi-year plans for charging PDST for four graduate professional degree programs as shown in Display 1B.

DISPLAY 1A: Revised Professional Degree Supplemental Tuition Levels[1] for Two Business and Four Law Programs

	2020-21	2021-22	2022-23	2023-24
Business				
UC Irvine				
Resident PDST Level	$28,929[2]	$29,508	$30,099	$30,702
Nonresident PDST Level	$25,629	$27,219	$28,908	$30,702
UC San Diego				
Resident PDST Level	$34,965[2]	$34,965	$34,965	$34,965
Nonresident PDST Level	$27,324	$29,511	$31,872	$34,965
Law				
UC Berkeley				
Resident PDST Level	$40,636[2]	$42,668	$44,800	$47,040
Nonresident PDST Level	$31,050[2]	$35,708	$41,064	$47,222
UC Davis				
Resident PDST Level	$36,966[2]	$38,072	$39,214	$40,390
Nonresident PDST Level	$34,700	$36,770	$38,970	$40,390
UC Irvine				
Resident PDST Level	$36,696[2]	$39,448	$42,406	$45,586
Nonresident PDST Level	$30,050[2]	$34,530	$39,678	$45,586
UCLA[3]				
Resident PDST Level	$36,696[2]	$38,532		
Nonresident PDST Level	$30,050[2]	$34,558		

[1] The amounts reflect the maximum PDST levels to be assessed, effective as of the academic year (AY) indicated. Assessing PDST levels less than the level indicated requires approval by the President with the concurrence of the Chancellor. PDST levels may be assessed beyond the period covering the program's approved multi-year plan but not in excess of the maximum levels specified in the final year.

[2] This is an approved PDST level. PDST levels were approved at the March 2019 meeting when the Regents approved the multi-year plan and the maximum PDST levels of the first two years of this program's plan, AY 2019-20 and 2020-21. This approval was contingent upon the program returning with revised PDST levels that address the gap in PDST levels between resident and nonresident students. Programs may begin to address the gap as soon as AY 2020-21, year two of their multi-year plan.

[3] The UCLA Law program submitted a three-year plan for approval at the March 2019 meeting. The program begins to close the gap between resident and nonresident PDST levels in the third year of its plan, AY 2021-22, and intends to close the gap completely by AY 2023-24 as a part of its next PDST multi-year plan submission.

DISPLAY 1B: Proposed Professional Degree Supplemental Tuition Levels[1] for Four Programs

	2020-21	2021-22	2022-23	2023-24	2024-25
Environmental Data Science, UC Santa Barbara					
Resident PDST Level	$19,998	$19,998	$20,598	$21,216	$21,855
Nonresident PDST Level	$19,998	$19,998	$20,598	$21,216	$21,855
Environmental Science and Management, UC Santa Barbara					
Resident PDST Level	$9,999	$10,299	$10,608	$10,926	$11,256
Nonresident PDST Level	$9,999	$10,299	$10,608	$10,926	$11,256
Genetic Counseling, UCLA					
Resident PDST Level	$18,000	$18,900	$19,845	$20,838	$21,879
Nonresident PDST Level	$18,000	$18,900	$19,845	$20,838	$21,879
Human-Computer Interaction, UC Santa Cruz					
Resident PDST Level	$20,886	$21,984	$23,139	$24,294	$25,509
Nonresident PDST Level	$20,886	$21,984	$23,139	$24,294	$25,509

[1] The amounts reflect the maximum PDST levels to be assessed, effective as of the academic year indicated. Assessing PDST levels less than the level indicated requires approval by the President with the concurrence of the Chancellor. PDST levels may be assessed beyond the period covering the program's approved multi-year plan but not in excess of the maximum levels specified in the final year.

BACKGROUND

Professional Degree Supplemental Tuition was established in 1994-95 to allow UC's professional schools to offset reductions in State support and maintain program quality. PDST is assessed in addition to mandatory tuition, the Student Services Fee, and, if applicable, Nonresident Supplemental Tuition.

Historically, many of UC's professional schools have held a place of prominence in the nation, promising an exceptional education for a reasonable price. Revenue generated from PDST has been critical to these programs' efforts to regain and maintain excellence. The Regents' Policy on PDST includes specific conditions for ensuring that the University's commitments to excellence, access, inclusion, affordability, and students' public service career decisions are not adversely affected by increases in fees for graduate professional degree students. The University affirmatively monitors related indicators such as student debt levels. Any graduate professional degree program that proposes charging PDST for the first time is required to submit a multi-year plan for approval from the Regents.

The multi-year plan is reviewed by the Office of the President for the following information:

- the amount of resources required to sustain academic quality at, and enrollments in, the particular graduate professional degree program;

- the intended uses and justification for PDST revenue, including the educational benefits that will be provided to students;

- the tuition and fees for comparison programs at public and private institutions of higher education;

- the program's affordability goals, financial aid strategies, and student loan debt trends;

- the program's racial, ethnic, and (when available) socioeconomic student enrollment trends and diversity strategies; and

- the views of the program's student body and faculty on the proposed PDST levels.

During the intensive multi-year plan review process, campuses must demonstrate that proposed PDST levels will not adversely affect the University's commitment to excellence, access, inclusion, and affordability. The Provost also ensures that each program complements its proposed multi-year plans for PDST levels with financial aid measures, including scholarships, grants, and/or loan repayment assistance programs, to ensure access to the degree programs, to minimize financial barriers to the pursuit of lower-paying public interest careers, and to reduce restrictions on students' career options due to student debt. In addition, the appropriateness of each program's selection of comparator programs in public and private institutions is examined, and its total tuition and/or fees are compared to those of its comparators. A program that submits a multi-year plan that does not include sufficient information or is not satisfactory in some other way is required to reconsider its efforts and submit revised proposals.

The multi-year plans from the two business programs and four law programs met the standards of the Provost and received the President's recommendation for approval when they were submitted as part of the prior year's PDST approval cycle.

The multi-year plans submitted by UCLA's Genetic Counseling program, UC Santa Barbara's Environmental Data Science program, UC Santa Barbara's Environmental Science and Management program, and UC Santa Cruz's Human-Computer Interaction program have also met the standards of the Provost, and the President recommends their approval by the Regents.

Revised PDST Fee Schedules for Two Business and Four Law Programs

The multi-year plans from the business programs at UC Irvine and UC San Diego and the law programs at UC Berkeley, UC Davis, UC Irvine, and UCLA were submitted for approval by the Regents at the March 2019 meeting. The multi-year plans, including the PDST levels for the first two years, were approved conditional upon the programs returning the following year with revised PDST fee schedules that address the PDST differential between resident and nonresident students. The six programs have submitted revised PDST fee schedules (see Attachment 1). Five of the six programs have fully eliminated the PDST differential such that, within the context of their five-year plan, the PDST level charged to resident students is equal to or less than the PDST level charged to nonresident students by the last year of their plan, Academic Year (AY) 2023-24. In contrast to the five programs that submitted five-year plans for approval in the March 2019 meeting, the UCLA law program submitted a three-year plan. The UCLA law program's revised fee schedule begins to the address the PDST differential, the program has committed to fully closing the gap in PDST levels charged to resident, and nonresident students by AY 2023-24, as part of its next multi-year plan submission.

Multi-year Plan Proposals for Four Graduate Professional Degree Programs

Four graduate professional degree programs – one existing program and three new programs – submitted multi-year plans seeking to establish PDST. The annual PDST levels proposed for each year of the multi-year plans are shown in Display 1.

A multi-year plan for charging PDST is proposed by the Master of Environmental Science and Management (MESM) program at UC Santa Barbara. Widely regarded as among the top four environmental science and management programs in the nation, the program prepares students to solve environmental problems through a combination of academic and professional training and real-world experience. The two-year MESM program was established in 1996 with an initial cohort of 20 students and currently enrolls more than 160 students. MESM is a terminal master's degree targeted to students who plan to re-enter the workplace upon completion of the degree. Employed in diverse communities in the U.S. and in over 30 countries, MESM graduates pursue nonacademic employment in corporations (e.g., CEO of Infinity Renewables), government agencies (e.g., Deputy Secretary for Climate Change and Energy Policy at the California EPA), environmental consulting (e.g., Senior Environmental Planner at Rincon Associates), and environmental non-profits (e.g., Assistant Marine Coordinator at The Nature Conservancy).

A multi-year plan for charging PDST is also proposed by the Master of Environmental Data Science (MEDS) program at UC Santa Barbara. The MEDS program is a new one-year graduate professional degree program that is designed to provide students the knowledge and skills to secure and succeed in non-academic jobs that apply data science tools and techniques to solve environmental problems. The program is aimed at early- and mid-career professionals to achieve robust training quickly and then re-enter the work force. Graduates are expected to occupy senior environmental analyst and data scientist positions within business, non-profit, agency, and academic institutions and organizations. The program plans to enroll its initial cohort of approximately 15 students in August 2021.

Additionally, a multi-year plan for charging PDST is proposed for the Master of Science in Genetic Counseling (GenC) program at UCLA. The GenC program is a new two-year program that is accredited by the Accreditation Council for Genetic Counseling. This accreditation will allow its graduates to be eligible to sit for the American Board of Genetic Counseling national certification exam. The program is aimed at training diverse, well-rounded students in clinical genomic medicine and will have a strong focus on the determinants of healthcare disparities in underserved communities. Graduates can expect career opportunities in a variety of settings, including clinical, laboratory, education, public health, and other non-clinical settings.

Lastly, a multi-year plan for charging PDST is proposed for the Master of Science in Human-Computer Interaction (HCI) program at UC Santa Cruz. Among a handful of HCI graduate programs in the U.S., the HCI program is a new four-quarter program (fall, winter, spring, fall) that aims to train students in the practical application of HCI research especially as it pertains to designing functional interfaces to strengthen human and technology interactions. HCI is inherently multidisciplinary in nature, requiring grounding in computer and behavioral sciences. The program will target applicants with work experience in the field or with a technical

background in interactive system creation, analytics, and design. Located in Silicon Valley, the program will provide students with opportunities to interact and network with industry leaders and benefit from synergies with the other two programs (Games and Playable Media and Serious Games) that are collocated at the Silicon Valley campus. Graduates of the program are expected to qualify for senior level positions as user experience engineers or designers.

Market Comparisons

Regents Policy 3103 calls upon programs to develop PDST plans that analyze the graduate professional degree program in relation to its comparators. Most programs consider both public and private comparators in their marketplace analyses. The comparison institutions chosen by UC's programs are generally current competitors for students, faculty, and national rankings or a mix of current competitors and programs with which UC aspires to compete.

The GenC, HCI, MEDS, and MESM programs have identified comparison programs of high quality at public and private institutions across the nation for the marketplace analysis. Total charges to degree completion were provided by the GenC, HCI, and MEDS programs, whose comparators varied in duration to degree completion. The MESM program provided first-year annual charges in its market analysis of its comparators. Display 2 lists prospective charges for in-state students at the UC programs and the expected average of their comparison institutions.

DISPLAY 2: Proposed Total In-State Charges at UC and the Expected Average of Comparator Institutions[1]

	2020-21	2021-22	2022-23	2023-24	2024-25
Comparison Based on Total Charges to Degree Completion					
Genetic Counseling, UCLA	$65,158	$67,867	$70,700	$73,660	$76,751
Other Publics[2]	$48,611	$50,070	$51,572	$53,119	$54,712
Privates[3]	$96,610	$99,508	$102,493	$105,568	$108,735
Human-Computer Interaction, UCSC	$47,349	$49,425	$52,031	$53,778	$56,082
Other Publics[4]	$37,859	$38,995	$40,165	$41,370	$42,611
Privates[5]	$77,339	$79,659	$82,049	$84,510	$87,045
Environmental Data Science, UCSB	$38,534[6]	$39,103	$40,301	$41,535	$42,815
Other Publics[7]	$33,862	$34,878	$35,924	$37,002	$38,112
Privates[8]	$73,448	$76,074	$78,800	$81,630	$84,568
Comparison Based on Annual Total Charges					
Environmental Science & Mgmt, UCSB	$23,979	$24,711	$25,471	$26,256	$27,067
Other Publics[9]	$25,334	$26,124	$26,939	$27,779	$28,647
Privates[10]	$53,086	$54,696	$56,356	$58,066	$59,829

[1] Total resident UC charges include mandatory systemwide charges (Tuition and Student Services Fee), Professional Degree Supplemental Tuition, campus-based fees, and other fees where applicable. Projections for comparators' total charges assume three percent annual increases.

[2] Public comparison institutions include Ohio State University, University of Michigan, and the University of Utah.

[3] Private comparison institutions include Northwestern University, Stanford University, and the Keck Graduate Institute.

[4] Public comparison institutions include University of Maryland, University of Michigan, and Georgia Institute of Technology.

[5] Private comparison institutions include Carnegie Mellon University and Stanford University.

[6] While a fee level for in-state students was provided for AY 2020-21, the program will enroll its first cohort in AY 2021-22.

[7] Public comparison institutions include North Carolina State University, University of Colorado at Boulder, University of Michigan, and University of Virginia.

[8] Private comparison institutions include Carnegie Mellon University, Columbia University, New York University, and University of Southern California.
[9] Public comparison institutions include Oregon State University, University of Colorado at Boulder, and University of Michigan.
[10] Private comparison institutions include Columbia University, Duke University, and Yale University.

For the GenC, HCI, and MEDS programs, the proposed PDST levels are anticipated to result in total in-state student charges that, over the total duration of the program, are greater than the estimated average total charges for in-state students in public comparison programs and substantially lower for private comparison programs. However, because of the shorter duration in their respective programs, graduates from the HCI and MEDS programs will enter the job market sooner than some of their counterparts in comparable programs. For the MESM program, the proposed PDST levels are anticipated to result in total in-state student charges that are below the estimated average total charges for in-state students in public comparison programs and substantially lower for private comparison programs. Additional details about the programs' peer institutions and comparisons of fee levels assessed to out-of-state students are provided in the program's multi-year plans (see Attachment 2).

Uses of Revenue from Proposed PDST

New PDST revenue will be used for a variety of purposes as detailed in the programs' multi-year plans. In some cases, programs plan to return more than the 33 percent that is required by policy to students in the form of financial aid. Across all four proposals, the programs plan to use PDST revenue to maintain or launch a high-quality program and to advance their diversity goals. In addition to expending PDST funds to establish a high-quality program with appropriate instructional and student supports, the GenC program will use PDST funds on its efforts to increase outreach to students from underrepresented groups and low socioeconomic backgrounds and to increase matriculation using targeted financial assistance. Similarly, the HCI program will use PDST to support its diversity goals, to provide student advising and professional development services, and to improve program quality by providing students with industry leaders as lecturers and with state-of-the art instructional equipment and facilities. The MEDS program will use PDST funds to support its diversity initiatives and provide a high-quality program that reflects changes in the rapidly changing field. Lastly, the MESM program will expend PDST revenue to expand and diversify its applicant pool, provide targeted fellowships to students with financial need and from underrepresented groups, expand course offerings, and expand professional and career development opportunities for students. PDST funds will support faculty and lecturer salary and benefits, instructional staff, instructional equipment, facilities, and student services. Additional details on the programs' proposed uses of new PDST revenue are provided in their multi-year plans (see Attachment 2).

Financial Aid and Student Indebtedness

In their multi-year plans, the four programs have expressed their commitment to providing students with grant and scholarship support in order to ensure that students with financial need do not find program costs to be an insurmountable barrier to enrolling in these programs, consistent with the financial aid policy goals first articulated by the Regents in 1994. The MEDS and MESM programs have committed at least 35 and 40 percent, respectively, and the GenC and HCI programs plan to set aside an amount equivalent to at least 33 percent of PDST revenue for financial aid purposes and, when available, augment PDST-funded financial aid with donor-funded fellowships. All four programs plan to use a portion of this revenue to improve diversity, particularly students from underrepresented groups, at their programs.

Strategy for Inclusion of Underrepresented Groups

Existing programs report on several factors related to historical enrollment trends and diversity strategies. UC Santa Barbara's MESM program is an existing program that, from AY 2016-17 to 2018-19, enrolled 9-12 percent of its students from underrepresented groups, 13-24 percent received Pell Grants as undergraduates, and 60-65 percent were women. Because the GenC, HCI, and MEDS programs are new, there are no available data on past racial, ethnic, gender, or socioeconomic enrollment trends. All four programs have committed a substantial portion of their PDST revenue to support diversity purposes, including fellowships targeted to students from underrepresented groups, outreach and marketing efforts to universities and student groups with more diverse populations, and hiring of staff whose primary responsibilities focus on diversity. Details are provided in these programs' multi-year plans to ensure a robust level of ethnic and racial diversity, access for students from low socioeconomic backgrounds, and gender parity.

Faculty and Student Consultation

The Regents Policy requires programs to provide opportunities for faculty and students to engage in a dialogue with program leadership about multi-year plans, the rationale for PDST increases or new PDSTs, the impact on program quality of various PDST choices, and how any potentially adverse consequences of PDST levels will be mitigated by financial aid, outreach, and recruitment of low-income and underrepresented minority students.

The programs used a variety of approaches to consult with students on their multi-year plans. As an existing program, the MESM program consulted with its students employing a town-hall style meeting. The other three programs are new, with no admitted students to consult. The GenC program conducted a focus group with potential applicants in one of its pipeline programs. The HCI program consulted with graduate students in Computational Media, a related graduate program to the HCI program, and discussed and solicited feedback on its plan using a town-hall style format. The MEDS program also used a town-hall style approach and consulted with graduate students in the MESM program, since both programs are a part of the UC Santa Barbara Bren School of Environmental Science and Management. All four programs received and provided responses to feedback from students. All four programs also consulted with faculty who

generally supported the proposals. Details on the programs' consultation efforts with both students and faculty are provided in their multi-year plans (see Attachment 2).

Attachments:

1. Revised PDST Fee Schedules
2. Multi-year Plans from the GenC, HCI, MESM, and MEDS Programs