

ACADEMIC YEAR 2019-20 / RESOURCE REQUESTS

Obtain 60 MHz NMR for SAN

This view always presents the most current state of the plan item.

Plan Item was last modified on 10/4/19, 1:39 PM

Your individual permission settings determine what fields and content are visible to you.

Template:

Equipment Resource Request

Program/Unit:

Chemistry

CHECK THIS BOX IF THIS IS A FAST TRACK REQUEST:

Name of Person Completing this Form:

Equipment Resource Request Title:

Obtain 60 MHz NMR for SAN

MULTI-YEAR PLAN? :

Type of Equipment Request:

New or Upgraded Equipment,

WILL THIS ITEM REQUIRE ONGOING COSTS?:

Statement of Need:

In the previous academic year, we were able to purchase a 60 MHz NMR spectrometer through a resource request. The NMR spectrometer at OC allows students to prepare their own samples, run the instrument, collect their data, and analyze spectra to determine the purity, chemical structure, and identity of their compounds. This represents a significant improvement in instructional support for students, so a comparable unit at SAN will provide students with a similar instructional support, thereby improving equity.

To maximize SAN students’ preparedness to enter into 4-year universities with proper preparation for success, it is critical that they have access to comparable resources available to students already enrolled at 4-year universities. To offer this same accessibility, we are requesting an NMR spectrometer (\$59k). Currently, students at SAN are not being trained to operate the NMR and collect their own data, skills which are essential for both transfer and careers. Providing our students with this firsthand experience will put them on par with what students at CSUSM, UCSD, USD, SDSU, and other transfer institutions receive and recognize as an essential part of chemical education. Hands-on operation of NMR is also ubiquitous in the pharmaceutical, biotechnology, and environmental industries, to name a few. It is important that our SAN students demonstrate the skills that transfer schools wish to see from incoming students, as well as to ensure they are prepared for in-demand careers in the aforementioned industries. This investment will allow for stronger student preparation for transfer and careers, two critical needs for the department and for students.

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Brief Item Description:

Benchtop 60MHz NMR Spectrometer

Amount Requested:

\$ 59000

Brief Item Description:

Amount Requested:

Brief Item Description:

Amount Requested:

Brief Item Description:

Amount Requested:

Responsible Users:

Start:

7/1/2019

End:

6/30/2020

Progress:

Related Items

Supports *(Connected Up)*:

Obtain a 60-MHz NMR for SAN
Chemistry Action Plan

Supported By *(Connected Down)*:

Obtain 60 MHz NMR for SAN
Chemistry BPC Use

Melanie Haynie

From: Sunita Cooke
Sent: Friday, May 17, 2019 8:57 AM
To: All Governance
Subject: Recommendations for Funding in 2019/20

Dear MiraCostans:

As we are closing out a very busy academic year, I wanted to share with you the outcome regarding those items prioritized and recommended for funding from Budget Planning Council (BPC) in the last round of program review. As a reminder, this process began in the early fall when departments submitted plan forms with request for resources based on recent program reviews. These resource requests were reviewed and prioritized by divisions, the executive management team, and by BPC and associated subgroups. These successive rounds of review involved ensuring that the college's program planning efforts were connected to strategic goals and priorities as well as potential sources of funding. All amounts listed in the plan forms will undergo a final cost validation before the final budget is developed in September 2019.

Our budget priorities for next year include:

- Stabilizing enrollment based on student needs
- Focusing on student access and success, including extending the MiraCosta Promise and our student success and equity efforts
- Ensuring we recruit and retain exceptional faculty, staff, and administrators to serve our students. This category includes new employees approved through our program review process as well as increases in step and column, retirement benefits, and the second year implementation of the classification and compensation study.

Please see the summary table, below, showing the overall categories of expenditures BPC is recommending we fund next year (equipment, staffing, technology).

Resource Category	Division	GF On-Going	GF One-Time	Total	50% Qualifying	50% Non-Qualifying	Total GF
Equipment	Instructional	\$0	\$69,230	\$69,230	\$0	\$69,230	\$69,230
Staffing	Instructional	\$250,000	\$0	\$250,000	\$250,000		\$250,000
	Student Services	\$208,247	\$0	\$208,247		\$208,247	\$208,247
Technology	Instructional	\$0	\$71,000	\$71,000	\$0	\$71,000	\$71,000
Total PR FY2019-20		\$458,247	\$140,230	\$598,477	\$250,000	\$348,477	\$598,477

The table below shows more detail about the specific activities recommended for funding. This was approved by BPC at its April 5, 2019, meeting and the recommendation was then forwarded to me.

Division	RCP Rank	RCP Category	Responsible Individual	Plan	Cost	BPC Comments	Funding
Instruction	43.286	Equipment	Katson, Paul Vail, Steve Williams, Arnoldo	Update software and repair/calibrate/re place equipment in the automotive technology area.	\$ 13,230	One-Time	11-General
Instruction	42.286	Equipment	McCorkle, Kent	Purchase one NMR spectrometers (\$56K each).	\$ 56,000	One-Time	11-General
Instruction	43.6	Staffing	Perez-Corona, Jessica Fino, Mike	Fund 15 SI leaders per semester in the Supplemental Instruction Program	\$ 70,000	Ongoing	11-General
Student Services	42	Staffing	Stewart, Wendy Wojcik, Alketa	Hire a Program Manager to oversee the implementation of comprehensive support services for first year students	\$ 109,041	Ongoing	11-General
Instruction	41.4	Staffing	Fallstrom, Scott Bolanos,	Provide funding to the STEM center for year round tutoring.	\$ 180,000	Ongoing	11-General
Student Services	40.4	Staffing	Palmer, Beatriz	Hire a full time specialist who ensure students receive all support services including campus food pantry, farmers market, and referral to community resources such as CalFresh applications, housing and other support available throughout the community.	\$ 99,206	Ongoing	11-General
Instruction	45.429	Technology	Ngo, Annie Scharff, Nate Sharp, Christina	Purchase of 40 wireless laptops, and two storage cabinets for SEC	\$ 50,000	One-Time	11-General
Instruction	42.571	Technology	Mitchell, Curry Kirwan, John Guinon, Teresa Strona, Jacob Lloyd-Jones, Melissa	Purchase Chromebooks, carts/cabinets, and specialized software. Purchase and install high quality microphones, webcams, and light-boards in at least 2 designated classrooms.	\$ 21,000	One-Time	11-General
TOTAL PROGRAM REVIEW RESOURCE ALLOCATION REQUEST RECOMMENDATION - UNRESTRICTED GENERAL FUND							\$ 598,47

The BPC Teams will send out individual memos to those affected to inform you of your budget amounts and appropriate budget strings. Please respond with any requested data to Katie White, Director of Fiscal Services, to set-up your budget for FY19/20 after you receive your memo.

I want to express my appreciation to all those who led program review efforts and to all members of BPC. This kind of college-wide decision making is central to the collaborative nature of our college and reflects broad-based input. As part of its continuous improvement efforts, BPC is discussing future modifications to this process as a result of assessment and analysis.

I continue to be amazed by the incredible work done at MiraCosta College on behalf of our students and am happy to support the funding prioritization recommended to me by BPC.

Once again, thank you for all you do for our students and our college!

Sunny

Dr. Sunita V. Cooke
Superintendent/President



P 760.795.6610

F 760.795.6609

scooke@miracosta.edu

miracosta.edu