

I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN
RESOLUTIONS

Resolution No.	Sponsor	Title	Date Intro	Date of Presentation	Date Adopted	Date Referred	Referred to	PUBLIC HEARING DATE	DATE COMMITTEE REPORT FILED	NOTES
164-36 (COR)	Amanda L. Shelton Tina Rose Muña Barnes	Relative to recognizing Dr. Shahram Khosrowpanah for a distinguished 36-year career as water resource research faculty, director of the Water and Environmental Research Institute of the Western Pacific and Founding Dean of the School of Engineering at the University of Guam.	9/14/21 12:25 p.m.	9/16/21 11:00 a.m.	9/15/21					

Resolution No. 164-36 (COR)

Introduced by:

Amanda L. Shelton
Tina Rose Muiña Barnes
V. Anthony Ada
Sabina Flores Perez
Frank Blas Jr.
Clinton E. Radgell
Joanne Brown
Jose S. San Agustin
Christopher M. Duenas
Telo T. Tattague
James C. Mowlan
Jose "Pido" Terlaje
Telen Cruz Nelson
Therese M. Terlaje
Mary Camacho Torres



Relative to recognizing Dr. Shahram Khosrowpanah for his distinguished thirty-six (36)-year career as Water Resource Research Faculty Member, Director of the Water and Environmental Research Institute of the Western Pacific, and Founding Dean of the School of Engineering at the University of Guam.

BE IT RESOLVED BY THE COMMITTEE ON RULES OF I MINA'TRENTAI SAIS NA LIHESLATURAN GUAHAN:

WHEREAS, Dr. Shahram Khosrowpanah joined the University of Guam (UOG) faculty in November 1985 and invested his entire career in public service to Guam and the Pacific region served by the University; and

WHEREAS, Dr. Khosrowpanah served continuously on the faculty of UOG's nationally-ranked Water and Environmental Research Institute of the Western Pacific (WERI) for more than three (3) decades, from November 1985 through October 2016, including two (2) terms totaling twelve (12) years as its Director, from 1989 through 1997 and from 2012 through 2016; and

WHEREAS, at Dr. Khosrowpanah's initiative, WERI extended its scope of service from Guam to include the Federated States of Micronesia in 1994; and three (3) years later, in 1997, extended its scope again to include the Commonwealth of the Northern Mariana Islands; and

WHEREAS, WERI has conducted applied research, professional training, and educational research in water resources development, management, and protection in all three (3) constituencies for nearly twenty-five (25) years; and

WHEREAS, in 1996, during Dr. Khosrowpanah's first term as Director, WERI was designated as one (1) of the top five (5) of the nation's fifty-four (54) state and territorial water resources research institutes by the U.S. Geological Survey (USGS), which administers the federal program by which they are established, and WERI has remained among the top-ranked ("Outstanding") institutes in each subsequent five (5)-year review; and

WHEREAS, beginning in 1989, Dr. Khosrowpanah, with other WERI faculty, helped implement a successful two (2)-year Pre-Engineering Program at the University of Guam, which over the past three (3) decades has served more than two hundred fifty (250) students; and

WHEREAS, in addition to his duties as a Research Faculty Member and even while serving as Director of WERI, Dr. Khosrowpanah taught four (4) undergraduate Pre-engineering Program courses: *Introduction to Engineering, Engineering Graphics, Engineering Statics, and Engineering Dynamics*; and

WHEREAS, Dr. Khosrowpanah is held in high esteem and regarded with affection by his former students because of his outstanding classroom teaching skills and well-known commitment to the success of his pre-engineering students, of whom at least twenty-eight (28) went on to complete four (4)-year degrees, and many of them now occupy senior leadership positions as company vice presidents and senior engineers in local engineering firms, successful self-employed proprietors of their own firms, or senior officials and managers in public agencies, including the Guam Waterworks Authority; and

WHEREAS, noteworthy community leadership by his former students includes service on the UOG Board of Regents, leadership of the UOG School of Engineering Community Advisory Council, and leadership of the local chapter of the American Waterworks Association; and

WHEREAS, Dr. Khosrowpanah was among the small group of WERI faculty and other UOG colleagues who in 1994, also during his first term as WERI Director, established the University's Graduate Environmental Science Program; and

WHEREAS, WERI's enduring support of the program is part of Dr. Khosrowpanah's legacy and has been a crucial element of its success; and

WHEREAS, of the nearly seventy (70) students who have completed the Environmental Science program, more than forty (40) worked as student research assistants on WERI-sponsored projects with WERI faculty as their thesis advisors; and

WHEREAS, together from among the Pre-Engineering and Environmental Science students who have been sponsored and trained by WERI faculty, at least twenty-five (25) are currently employed on Guam as professional engineers, environmental scientists, natural resource managers, or educators; and

WHEREAS, Dr. Khosrowpanah helped to establish cooperative agreements with the University of Iowa in 2008, and with Mapua Institute of Technology in 2011, by which students completing the University of Guam's Pre-Engineering Program could matriculate directly to accredited four (4)-year engineering programs; and

WHEREAS, in October 2009, University President Robert Underwood set forth his vision to establish a School of Engineering at the University of Guam and subsequently formed a cross-campus and interagency working group to develop the plan and coordinate inter-agency efforts to establish the school and put in place a four (4)-year engineering curriculum; and

WHEREAS, Dr. Khosrowpanah made leading and pivotal contributions to the success of the working group, including building relationships and coordinating actions and agreements between leaders and members of the University, the local professional community, and cooperating institutions; and

WHEREAS, in September 2016, the University of Guam Board of Regents formally established the new UOG School of Engineering, and President Underwood subsequently appointed Dr. Khosrowpanah as Interim Dean to lead the new school; and

WHEREAS, in the ensuing five (5) years in which Dr. Khosrowpanah has led the University of Guam School of Engineering, the school has acquired four (4) permanent faculty and three (3) part-time faculty, and has put in place a Bachelor of Science in Civil Engineering degree program approved by the UOG Board of Regents in February 2018 and accredited by the WASC Senior College and University Commission in July 2019; and

WHEREAS, Dr. Khosrowpanah has worked closely and successfully with local engineering and community business leaders to raise Four Hundred Thousand Dollars (\$400,000) to equip the new building's instructional laboratories; and

WHEREAS, the UOG School of Engineering is now positioned to graduate its first cohort of students receiving the Bachelor of Science Degree in Civil Engineering in December 2021; and

WHEREAS, Dr. Khosrowpanah is now retiring after more than thirty-five (35) years of distinguished service to the people of Guam, the Commonwealth of the Northern Mariana Islands, and the Federated States of Micronesia; and

WHEREAS, Dr. Khosrowpanah's contributions as a UOG Research Faculty Member, WERI Director, Co-founder of the Pre-Engineering and Environmental Science Programs, Classroom Instructor, and Graduate Thesis Advisor include five (5) graduate students among those cited above who completed their theses under his advisement and mentorship; and

WHEREAS, Dr. Khosrowpanah's legacy as a research engineer leading teams of local colleagues and students working on local and regional problems also includes more than thirty-five (35) technical reports, conference proceedings, and journal articles he wrote or co-authored with his colleagues and students on subjects ranging from water treatment and distribution to erosion and point-source pollution control to watershed analysis and management; and

WHEREAS, the UOG Board of Regents recognized Dr. Khosrowpanah for his long-standing commitment, extraordinary effort, outstanding leadership, and singular contributions to the successful founding of the new School of Engineering by conferring on him the permanent title of *Founding Dean of the School of Engineering, University of Guam* in April 2020; now therefore, be it

RESOLVED, that the Committee on Rules of I Mina'trentai Sais Na Liheslaturan Guahan does hereby, on behalf of I Liheslaturan Guahan and the people of Guam, recognize Dr. Khosrowpanah for a distinguished thirty-six (36)-year career as Water Resource Research Faculty Member, Director of the Water and Environmental Research Institute of the Western Pacific, and Founding Dean of the School of Engineering at the University of Guam; and be it further

RESOLVED, that the Speaker and the Chairperson of the Committee on Rules certify, and the Legislative Secretary attest to, the adoption hereof, and that copies of the same be thereafter transmitted to Dr. Shahram Khosrowpanah; and to the Honorable Lourdes A. Leon Guerrero, *I Mags'bagan Guahan*.

DULY AND REGULARLY ADOPTED BY THE COMMITTEE ON RULES OF I MINA'TRENTAI SAIS NA LIHESLATURAN GUAHAN ON THE 15TH DAY OF SEPTEMBER 2021.

Therese M. Terlaje
THERESE M. TERLAJE
Speaker

Amanda L. Shelton
AMANDA L. SHELTON
Acting Chairperson, Committee on Rules

Amanda L. Shelton
AMANDA L. SHELTON
Legislative Secretary



READ
P. Clerk
B. Clerk
9/16/21

From: Office of Senator Amanda L. Shelton <officeofsenatorshelton@guamlegislature.org>
Sent: Wednesday, September 15, 2021 3:21 PM
To: phnotice@guamlegislature.org; phmaterials@guamlegislature.org
Cc: Clerks; sgtarms
Subject: Re: Notice of Presentation- Resolution No. 164-36 (COR)

September 15, 2021

MEMORANDUM

To: All Senators
36th Guam Legislature

From: Senator Amanda L. Shelton

Re: Presentation of Resolution No. 164-36 (COR)

Buenas yan Håfa Adai!

Please join us for the presentation of **Resolution No. 164-36 (COR)** – *Introduced by Senator Amanda L. Shelton & Tina Rose Muna Barnes*– Relative to recognizing Dr. Shahram Khosrowpanah for a distinguished 36-year career as water resource research faculty, director of the Water and Environmental Research Institute of the Western Pacific and Founding Dean of the School of Engineering at the University of Guam.

The presentation will take place via Zoom at 12:30PM on Thursday, September 16, 2021.

We look forward to your attendance and participation.

Si Yu'os Ma'åse'!

Un Dångkulu Na Si Yu'us Ma'åse'

Sinceramente'



Roy Quinata | Community Liaison

Office of the People • Senator Amanda L. Shelton

Legislative Secretary & Chairwoman, Committee on Air Transportation, Parks, Tourism, Higher Education, and the Advancement of Women, Youth, and Senior Citizens

36th Guam Legislature

163 Chalan Santo Papa, Hagåtña, Guam 96910

T +1 (671) 969-2574 • (671) 989-2572

E officeofsenatorshelton@guamlegislature.org

I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN
2021 (FIRST) Regular Session

Resolution No. 164-36 (COR)

Introduced by:

Amanda L. Shelton
Tina Rose Muña Barnes
V. Anthony Ada
Frank Blas Jr.
Joanne Brown
Christopher M. Dueñas
James C. Moylan
Telena Cruz Nelson
Sabina Flores Perez
Clynton E. Ridgell
Joe S. San Agustin
Telo T. Taitague
Jose “Pedo” Terlaje
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Mary Camacho Torres

Relative to recognizing Dr. Shahram Khosrowpanah for his distinguished thirty-six (36)-year career as Water Resource Research Faculty Member, Director of the Water and Environmental Research Institute of the Western Pacific, and Founding Dean of the School of Engineering at the University of Guam.

- 1 **BE IT RESOLVED BY THE COMMITTEE ON RULES OF I**
2 ***MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN:***
3 **WHEREAS,** Dr. Shahram Khosrowpanah joined the University of Guam (UOG)
4 faculty in November 1985 and invested his entire career in public service to Guam and
5 the Pacific region served by the University; and

1 **WHEREAS**, Dr. Khosrowpanah served continuously on the faculty of UOG's
2 nationally-ranked Water and Environmental Research Institute of the Western Pacific
3 (WERI) for more than three (3) decades, from November 1985 through October 2016,
4 including two (2) terms totaling twelve (12) years as its Director, from 1989 through
5 1997 and from 2012 through 2016; and

6 **WHEREAS**, at Dr. Khosrowpanah's initiative, WERI extended its scope of
7 service from Guam to include the Federated States of Micronesia in 1994; and three (3)
8 years later, in 1997, extended its scope again to include the Commonwealth of the
9 Northern Mariana Islands; and

10 **WHEREAS**, WERI has conducted applied research, professional training, and
11 educational research in water resources development, management, and protection in
12 all three (3) constituencies for nearly twenty-five (25) years; and

13 **WHEREAS**, in 1996, during Dr. Khosrowpanah's first term as Director, WERI
14 was designated as one (1) of the top five (5) of the nation's fifty-four (54) state and
15 territorial water resources research institutes by the U.S. Geological Survey (USGS),
16 which administers the federal program by which they are established, and WERI has
17 remained among the top-ranked ("Outstanding") institutes in each subsequent five (5)-
18 year review; and

19 **WHEREAS**, beginning in 1989, Dr. Khosrowpanah, with other WERI faculty,
20 helped implement a successful two (2)-year Pre-Engineering Program at the University
21 of Guam, which over the past three (3) decades has served more than two hundred fifty
22 (250) students; and

23 **WHEREAS**, in addition to his duties as a Research Faculty Member and even
24 while serving as Director of WERI, Dr. Khosrowpanah taught four (4) undergraduate
25 Pre-engineering Program courses: *Introduction to Engineering*, *Engineering Graphics*,
26 *Engineering Statics*, and *Engineering Dynamics*; and

1 **WHEREAS**, Dr. Khosrowpanah is held in high esteem and regarded with
2 affection by his former students because of his outstanding classroom teaching skills
3 and well-known commitment to the success of his pre-engineering students, of whom
4 at least twenty-eight (28) went on to complete four (4)-year degrees, and many of them
5 now occupy senior leadership positions as company vice presidents and senior
6 engineers in local engineering firms, successful self-employed proprietors of their own
7 firms, or senior officials and managers in public agencies, including the Guam
8 Waterworks Authority; and

9 **WHEREAS**, noteworthy community leadership by his former students includes
10 service on the UOG Board of Regents, leadership of the UOG School of Engineering
11 Community Advisory Council, and leadership of the local chapter of the American
12 Waterworks Association; and

13 **WHEREAS**, Dr. Khosrowpanah was among the small group of WERI faculty
14 and other UOG colleagues who in 1994, also during his first term as WERI Director,
15 established the University's Graduate Environmental Science Program; and

16 **WHEREAS**, WERI's enduring support of the program is part of Dr.
17 Khosrowpanah's legacy and has been a crucial element of its success; and

18 **WHEREAS**, of the nearly seventy (70) students who have completed the
19 Environmental Science program, more than forty (40) worked as student research
20 assistants on WERI-sponsored projects with WERI faculty as their thesis advisors; and

21 **WHEREAS**, together from among the Pre-Engineering and Environmental
22 Science students who have been sponsored and trained by WERI faculty, at least
23 twenty-five (25) are currently employed on Guam as professional engineers,
24 environmental scientists, natural resource managers, or educators; and

25 **WHEREAS**, Dr. Khosrowpanah helped to establish cooperative agreements
26 with the University of Iowa in 2008, and with Mapua Institute of Technology in 2011,

1 by which students completing the University of Guam's Pre-Engineering Program
2 could matriculate directly to accredited four (4)-year engineering programs; and

3 **WHEREAS**, in October 2009, University President Robert Underwood set forth
4 his vision to establish a School of Engineering at the University of Guam and
5 subsequently formed a cross-campus and interagency working group to develop the
6 plan and coordinate inter-agency efforts to establish the school and put in place a four
7 (4)-year engineering curriculum; and

8 **WHEREAS**, Dr. Khosrowpanah made leading and pivotal contributions to the
9 success of the working group, including building relationships and coordinating actions
10 and agreements between leaders and members of the University, the local professional
11 community, and cooperating institutions; and

12 **WHEREAS**, in September 2016, the University of Guam Board of Regents
13 formally established the new UOG School of Engineering, and President Underwood
14 subsequently appointed Dr. Khosrowpanah as Interim Dean to lead the new school; and

15 **WHEREAS**, in the ensuing five (5) years in which Dr. Khosrowpanah has led
16 the University of Guam School of Engineering, the school has acquired four (4)
17 permanent faculty and three (3) part-time faculty, and has put in place a Bachelor of
18 Science in Civil Engineering degree program approved by the UOG Board of Regents
19 in February 2018 and accredited by the WASC Senior College and University
20 Commission in July 2019; and

21 **WHEREAS**, Dr. Khosrowpanah has worked closely and successfully with local
22 engineering and community business leaders to raise Four Hundred Thousand Dollars
23 (\$400,000) to equip the new building's instructional laboratories; and

24 **WHEREAS**, the UOG School of Engineering is now positioned to graduate its
25 first cohort of students receiving the Bachelor of Science Degree in Civil Engineering
26 in December 2021; and

1 **WHEREAS**, Dr. Khosrowpanah is now retiring after more than thirty-five (35)
2 years of distinguished service to the people of Guam, the Commonwealth of the
3 Northern Mariana Islands, and the Federated States of Micronesia; and

4 **WHEREAS**, Dr. Khosrowpanah's contributions as a UOG Research Faculty
5 Member, WERI Director, Co-founder of the Pre-Engineering and Environmental
6 Science Programs, Classroom Instructor, and Graduate Thesis Advisor include five (5)
7 graduate students among those cited above who completed their theses under his
8 advisement and mentorship; and

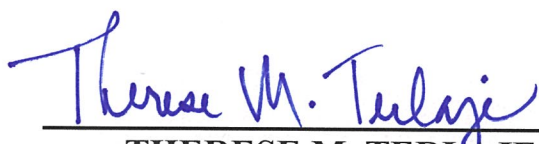
9 **WHEREAS**, Dr. Khosrowpanah's legacy as a research engineer leading teams
10 of local colleagues and students working on local and regional problems also includes
11 more than thirty-five (35) technical reports, conference proceedings, and journal articles
12 he wrote or co-authored with his colleagues and students on subjects ranging from water
13 treatment and distribution to erosion and point-source pollution control to watershed
14 analysis and management; and

15 **WHEREAS**, the UOG Board of Regents recognized Dr. Khosrowpanah for his
16 long-standing commitment, extraordinary effort, outstanding leadership, and singular
17 contributions to the successful founding of the new School of Engineering by conferring
18 on him the permanent title of *Founding Dean of the School of Engineering, University*
19 *of Guam* in April 2020; now therefore, be it

20 **RESOLVED**, that the Committee on Rules of *I Mina'trentai Sais Na*
21 *Liheslaturan Guåhan* does hereby, on behalf of *I Liheslaturan Guåhan* and the people
22 of Guam, recognize Dr. Khosrowpanah for a distinguished thirty-six (36)-year career
23 as Water Resource Research Faculty Member, Director of the Water and Environmental
24 Research Institute of the Western Pacific, and Founding Dean of the School of
25 Engineering at the University of Guam; and be it further

1 **RESOLVED**, that the Speaker and the Chairperson of the Committee on Rules
2 certify, and the Legislative Secretary attest to, the adoption hereof, and that copies of
3 the same be thereafter transmitted to Dr. Shahram Khosrowpanah; and to the Honorable
4 Lourdes A. Leon Guerrero, *I Maga'hågan Guåhan*.

**DULY AND REGULARLY ADOPTED BY THE COMMITTEE ON RULES OF
I MINA'TRENTAI SAIS NA LIHESLATURAN GUÅHAN ON THE 15TH DAY OF
SEPTEMBER 2021.**



THERESE M. TERLAJE
Speaker



AMANDA L. SHELTON
Acting Chairperson, Committee on Rules



AMANDA L. SHELTON
Legislative Secretary



COMMITTEE ON RULES

VICE SPEAKER TINA ROSE MUÑA BARNES, CHAIRPERSON

I Mina'trentai Sais Na Liheslaturan Guåhan

36th Guam Legislature

COMMITTEE VOTE SHEET

Resolution No. 164-36 (COR) - Amanda L. Shelton, Tina Rose Muña Barnes. - "Relative to recognizing Dr. Shahram Khosrowpanah for his distinguished thirty-six (36)-year career as Water Resource Research Faculty Member, Director of the Water and Environmental Research Institute of the Western Pacific, and Founding Dean of the School of Engineering at the University of Guam."

	SIGNATURE	DATE	TO ADOPT	TO NOT ADOPT	TO ABSTAIN
Vice Speaker Tina Rose Muña Barnes Chairperson	e-vote	9-15-21	X		
Legislative Secretary Amanda L. Shelton Vice Chairperson	<i>Amanda L. Shelton</i>	9-15-21	X		
Speaker Therese M. Terlaje Member					
Senator Telena Cruz Nelson Member	e-vote	9-15-21	X		
Senator Sabina Flores Perez Member	e-vote	9-15-21	X		
Senator Clynton E. Ridgell Member					
Senator Joe S. San Agustin Member	e-vote	9-15-21	X		
Senator Jose "Pedro" T. Terlaje Member	e-vote	9-15-21	X		
Senator Frank Blas, Jr. Minority Member					
Senator Mary Camacho Torres Minority Member	e-vote	9-15-21	X		
For Sponsor's Office Use Only					
Sponsor Signature: <i>Amanda L. Shelton</i>					
Staff Contact Person: ROY QUINATA 9-15-21					
For COR/Clerk's Office Use Only					
7 ____ Certified _____ Returned					
Name: Kamarin Nelson					
Date: 9/15/21 2:24 p.m.					
Notes:					