



UNIVERSITY OF GUAM
UNIBETSEDÁT GUÅHAN
Board of Regents

Resolution No. 24-21

**RELATIVE TO AWARDING EMERITUS DIRECTOR OF WATER & ENVIRONMENTAL
RESEARCH INSTITUTE OF THE WESTERN PACIFIC STATUS
TO DR. STEPHEN J. WINTER**

WHEREAS, the University of Guam (UOG) is the primary U.S. Land Grant and Sea Grant institution accredited by the Western Association of Schools and Colleges Senior College and University Commission serving the post-secondary needs of the people of Guam and the Western Pacific region;

WHEREAS, the authority to bestow the title of Emeritus Director is vested in the Board of Regents (BOR) resolution 1987 and the criteria and procedures were revised by BOR resolutions in 1999, 2001, and 2019;

WHEREAS, Dr. Stephen J. Winter has nominated himself for the title of Emeritus Director of WERI;

WHEREAS, the *Rules, Regulations, and Procedures Manual*, Article II.E.5., as amended, provides the criteria for Emeritus Director, to include ten (10) years of service as a full-time faculty member and/or administrator; at least three (3) years of service in the position for which the Emeritus(a) status is to be bestowed; and has distinguished himself/herself by making significant contributions to UOG;

WHEREAS, Dr. Stephen J. Winter has over 13 years of service as a full-time faculty member and/or administrator at UOG;

WHEREAS, Dr. Stephen J. Winter served a total of over nine (9) years as Director of WERI from June 1976 to September 1985;

WHEREAS, Stephen J. Winter has distinguished himself and is well known for his contributions to the establishment and expansion of WERI's activities to Micronesia. Dr. Stephen Winter followed Dr. James Marsh, the first director of WERI from 1975 to 1976, to serve as the second Director of WERI from 1976 to 1985 due to his engineering background. Through Dr. Winter's leadership and dedication, WERI had evolved to be a fully functioning and independent research unit of UOG upon his retirement in 1985. Under Dr. Winter's leadership and help from the staff of the University of Hawaii Water Resources Research Center (WRRRC), the Water Quality Laboratory at WERI was established;

WHEREAS, Dr. Winter began his career at UOG as an Assistant Professor in the Department of Engineering Technology in September 1972, and Director of Water Resources Research Center, and then Water and Energy Research Institute, the predecessor of WERI from June 1976 to September 1985. He worked as a faculty member for four years (September 1972 – June 1976), and Director of WERI for nine years. Dr. Winter served UOG for a total of 13 years;

WHEREAS, the enclosed nomination was reviewed and recommended for approval by the Administrative Council, Senior Vice President & Provost, and President; and

WHEREAS, the Academic, Personnel and Tenure Committee has reviewed the enclosed nomination and recommends to the BOR to award the title of Emeritus Director of WERI to Dr. Stephen J. Winter.

NOW, THEREFORE, BE IT RESOLVED, that the BOR hereby bestows the title of Emeritus Director of WERI to Dr. Stephen J. Winter, effective the date of this resolution.

Adopted this 26th day of September, 2024.



Sandra H. McKeever, Chairperson

ATTESTED:



Anita Borja Enriquez, D.B.A., Executive Secretary



Emeritus(a) Vice President or Provost, Dean, or Director Nomination Form

A current curriculum vitae describing nominee's times in positions and significant contributions **must** be submitted with this form.

Nominee Information

Name of Nominee: Stephen J. Winter

Rank/Specialty (at Retirement): Director Unit: WERI

Years of Service as FT Faculty and/or Administrator at UOG: 13 Retirement Date: 09/30/1985

Emeritus(a) Position Requested: Director of WERI Years of Service in Position: 9

Mailing Address: [REDACTED]

Email address: [REDACTED] Contact Number(s): [REDACTED]

Nominator Information

(Complete this section only if you are not the nominee.)

In addition to self-nominations, a nomination must originate from one of the following: immediate supervisor.

Name of Immediate Supervisor: Pamela Peralta Taitano

Email address: peraltap@triton.uog.edu Contact Number(s): 671-735-3037

Criteria for Emeritus(a) Vice President or Provost, Dean, or Director

(Nominee *must* meet all three (3) criteria for eligibility)

1. Has at least ten (10) years of service as a full-time faculty member and/or administrator at the University of Guam.
2. Has at least three (3) years of service in the position for which the Emeritus(a) status is to be bestowed.
3. Has distinguished himself/herself by making significant contributions to the University of Guam.

Nomination Procedures for Emeritus(a) Vice President or Provost, Dean, or Director

1. Requests for Emeritus(a) status originate from the individual or from the immediate supervisor of the administrator.
2. The requests are submitted consecutively in the following order: appropriate Administrative Supervisor, Administrative Council, appropriate Vice President (if applicable), and President. Each shall make a recommendation, in turn, to the Board of Regents.
3. Nominations for the titled status of Emeritus(a) Vice President or Provost, Dean, or Director shall begin with the submission of the nomination form, with a current curriculum vitae (CV) attached, to the immediate supervisor from which the nominee is serving or has retired.
4. Nominations shall be reviewed by the appropriate Administrative Supervisor, Admin Council, appropriate Vice President (if applicable), and President. If the appropriate Administrative Supervisor is also a Vice President, then both forms should be signed. The difference is that the concurrence as the respective Vice President also includes informing the President of the Society of Emeritus Professors & Retired Scholars (SEPRS) of the application.
5. The Board of Regents shall have the final determination concerning the granting of the Emeritus(a) status. It is the responsibility of the Executive Secretary of the BOR to notify both the newly granted Emeritus(a) Vice President or Provost, Dean, or Director and the President of the SEPRS of the conferred status. The newly granted Emeritus(a) Vice President or Provost, Dean, or Director shall be presented with a certificate of recognition of status by the UOG President.

Nomination Letter

April 5, 2024

TO: Whom it may concern

FROM: Pamela A. Peralta Taitano, Ed.D.

RE: Emeritus(a) Nomination for Dr. Stephen J. Winter as Emeritus Director of WERI

Dr. Stephen Winter followed Dr. James Marsh to serve as the second Director of WERI from 1976 to 1985. Through Dr. Winter's leadership and dedication, WERI had evolved to be a fully functioning and independent research unit of UOG upon his retirement. Under Dr. Winter's leadership and help from the staff of the University of Hawaii Water Resources Research Center (WRRC), the Water Quality Laboratory at WERI was established.

Dr. Winter began his career at UOG as an Assistant Professor in the Department of Engineering Technology in September 1972, and Director of Water Resources Research Center, and then Water and Energy Research Institute, the predecessor of WERI from June 1976 to September 1985. He worked as a faculty member for four years (September 1972 – June 1976), and Director of WERI for nine years. Dr. Winter served UOG for a total of 13 years.

Based on the criteria for Vice President or Provost, Dean or Director Emeritus, Dr. Winter is qualified to be Emeritus Director of WERI. Therefore, I recommend Dr. Winter be awarded the status of Emeritus Director of WERI.

Recommendation of Dean/Director/Supervisor (as appropriate)

Based on the attached nomination form and current curriculum vitae, the applicant has distinguished himself/herself by making significant contributions to UOG.

YES NO

Therefore, awarding the status of Emeritus(a) of Vice President / Dean / Director (circle one) to this nominee is:

RECOMMENDED NOT RECOMMENDED



Dean/Director/Supervisor

04/05/2024
Date

Comments:

Admin Council Recommendation

Based on the attached nomination form and current curriculum vitae, the applicant has distinguished himself/herself by making significant contributions to UOG.

YES [] NO

Therefore, awarding the status of Emeritus(a) of Vice President / Dean / Director (circle one) to this nominee is:

RECOMMENDED [] NOT RECOMMENDED



Admin Council Chair

8/15/2024

Date

Comments:

This nomination was endorsed by the Admin Council at its meeting held on May 1, 2024. See attached Minutes.

**Senior Vice President and Provost for Academic and Student Affairs (SVPP-ASA) or
Vice President for Administration and Finance/Chief Business Officer Recommendation**


The President of SEPRS was notified of this application. Date: 04/03/24/

Based on the attached nomination form and current curriculum vitae, the applicant has distinguished himself/herself by making significant contributions to UOG.

YES NO

Therefore, awarding the status of Emeritus(a) of Vice President / Dean / Director (circle one) to this nominee is:

RECOMMENDED NOT RECOMMENDED


Sharleen Santos-Bamba (Aug 30, 2024 13:38 GMT+10)
Dr. Sharleen Santos-Bamba
SVPP-ASA or VPAF/CBO

08/30/24 /
Date

Comments:

President Recommendation to the Board of Regents


Based on the attached nomination form and current curriculum vitae, the applicant has distinguished himself/herself by making significant contributions to UOG.

This has been reviewed, as applicable, by the immediate supervisor, Administrative Council, respective Vice President, and myself.

YES NO

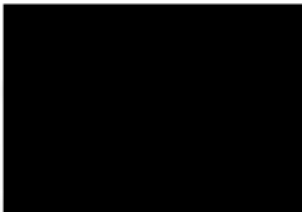
Therefore, awarding the status of Emeritus(a) of Vice President / Dean / Director (circle one) to this nominee is:

RECOMMENDED NOT RECOMMENDED


Anita Borja Enriquez (Aug 30, 2024 14:21 GMT+10)
Dr. Anita Borja Enriquez
President

08/30/24 /
Date

Comments:



January 28, 2004

Dr. Yuming Wen
Director
Water and Environmental Research Institute
University of Guam
UOG Station
Mangilao, GU 96913

Dear Dr. Wen,

Greetings from cold upstate New York. I hope that you and the rest of the folks at WERI haven't forgotten how wonderful it is to live in sunny Guam, my home of many many years ago.

My friend and former colleague, Emeritus Director of MARC, Dr. Hiro Kurashina, has suggested to me that I nominate myself for the position of "Emeritus Director of the Water and Environmental Research Institute of the Western Pacific." Hiro, who now serves as the President of the UOG Society of Emeritus Professors and Retired Scholars (SEPRS), has provided me with the nomination form and has pointed out that the same form is used for both Emeritus Professors and for Emeritus Administrators. I would like to apply for this position (Better late than never, I suppose!) and a completed nomination form and my CV are enclosed. I have also enclosed a copy of the trifold by the SEPRS that gives the eligibility criteria and application procedure for both these two types if emeritus standings. My nomination letter is enclosed as part of the nomination package.

I would be grateful if you would let me know (either via email or by phone) when you receive this package.

It has been many years since I last visited Guam. I fondly recall delivering the keynote address at WERI's 25th anniversary celebration. It's hard to imagine that another 25 years is about to fly by! It's amazing that what started out as just me on a half-time soft money position sitting at a desk in a corner of a Marine Lab room evolved into what WERI has now become. Quite a story...

I hope that it will be possible for me to return to Guam in the not-too-distant future. It would be fun to meet up. I would love the opportunity to get up to date on what's happening at WERI.

Warm regards,



Stephen J. Winter

January 28, 2024

Memorandum

To: Director, WERI

From: Stephen Winter



Re: Director Emeritus Nomination for Stephen Winter

I followed Dr. James Marsh as Director of the Water Resources Research Center (WRRC), the predecessor research unit to WERI. Dr. Marsh and Dr. Roy Tsuda, both Marine Laboratory faculty members, had put together the initial proposal package to the Federal funding agency that provided an annual grant in support of water research. They were assisted in this endeavor by staff from the University of Hawaii WRRC, which was affiliated with the civil engineering department of that University. UOG had no civil engineering expertise and, since I was the only engineer on campus with a terminal degree, Dr. Marsh contacted me to see if I would be interested in following him as Director. I agreed and the adventure began.

Initially, the WRRC had no local budget, staff, or facilities. Nothing. The Marine Lab had kindly loaned us a large room in the recently-completed second floor of their building. I sat at a desk in the corner of the room and two graduate students worked on a project that was funded by the initial proposal package. The Lab also let us use its secretarial staff. This began in June, 1976, and I retired as Director of WERI in August, 1985. By that time, WERI had evolved to be a fully-functioning and independent research unit of UOG.

Initially, my highest priority was building a critical mass of civil engineering faculty who could cover what I felt were the broad water-related areas of civil engineering. By the time I retired, we had obtained at least three locally-funded faculty slots as well as a locally-funded slot for the Director. A number of times, when local funds had not yet been obtained, we designed Federally-funded projects that covered one of these areas and that funded the salary of a temporary consultant. Dr. Leroy Heitz, who years later became a permanent WERI faculty member and Director, was one such consultant.

The need for permanent facilities and support staff also had to be addressed. Ultimately, WERI acquired four houses in what was then known as the Deans' Circle area of the University. One was renovated to serve as an office building and another was renovated to serve as a water quality laboratory. The third and fourth were used for geological research and the storage of geologic core samples. Along the way, local funding was obtained for an administrative assistant and a clerk typist. It is worth noting that this initial growth of WERI was a slow and arduous process and would have not been successful were it not for the strong support of Dr Rosa Carter, the President of UOG at that time.

Another priority was building a water quality laboratory, a requirement in support of numerous projects. Initially I didn't realize it, but the water quality laboratory that we built proved to be a source of income for WERI that enabled it to grow in other ways. In order to develop the laboratory, WERI unofficially devoted one project in every annual Federal grant cycle to the acquisition of laboratory equipment. This approach worked and, by the time I retired, we had what was probably the most well-equipped laboratory in the western Pacific. William Zolan, who initially began work with WERI while he was a graduate student, ultimately became Director of the

lab. He made a major contribution to the growth of WERI. His salary also became locally-funded during my tenure as Director.

I also made a major effort to establish strong ties with the nearby Micronesian governments, typically allocating one project from WERI's annual Federal grant to work in these islands. These contacts proved to be invaluable to the future growth of WERI. Our water quality lab enabled WERI to undertake numerous water quality monitoring projects at construction sites at airports in Micronesia that were being changed from dirt runways to modern improved facilities. These projects generated funds that made it possible for WERI to renovate buildings, purchase furniture, and make many other useful improvements.

WERI's work primarily addressed real-world problems and government agencies both on Guam and in Micronesia were very supportive of our efforts. Most of the projects that we undertook led to a technical report. By the time that I retired, WERI has published in excess of 60 technical reports.

I am proud of everything that was accomplished in these formative years of WERI and feel honored that so much more has been accomplished since my retirement.

CURRICULUM VITAE

Stephen J. Winter

Personal

- Marital Status: Married with one dependent child
- Citizenship: U.S.A.

Education

- Rutgers – the State University, New Jersey. Ph. D. (in Mechanical and Aerospace Engineering), 1971
Dissertation Title: The Displacement Analysis of Path-Generating Flexible-Link Mechanisms
- Rutgers – the State University, New Jersey. M.S. (in Mechanical and Aerospace Engineering), 1966
Thesis Title: Photoelastic Determination of an Optimum Pressure Angle for Flexible Gear Tooth Couplings
- Pratt Institute, New York. B.M.E. (Bachelor of Mechanical Engineering), 1963
Awards:
Machinery's Achievement Award for Excellence in Mechanical Design.
Pi Tau Sigma, Mechanical Engineering Honor Society.

Important Short Courses

- Spring, 1965. Kinematic Synthesis of Mechanisms. Columbia University, New York
- July, 1977. Advanced Groundwater Hydraulics and Management. University of Delaware, Delaware
- November, 1984. Basic Photovoltaic Technology. Arco Solar, Inc., California

Professional Experience Subsequent to Receipt of Baccalaureate Degree

(Note: Some appointments overlap as two job functions were being performed concurrently)

- 2/16 – 2022. Vice President, Pacific Center for Creativity (a non-profit NGO), Weno, Chuuk (Note: No compensation received for this position)
- 1/09 – 12/15. Part-time designer/installer of solar power and water supply systems, Bruton Enterprises, Weno, Chuuk
- 1/07 – 12/15. Part-time consultant to the Permanent Mission of the Federated States of Micronesia to the United Nations, New York, New York
- 8/07 - 12/07. Part-Time Instructor, Mathematics Department, Norwich Campus, Morrisville State College, Norwich, New York
- 8/05 - 6/06. Part-Time Instructor, Mathematics/Science Department, College of Micronesia, Chuuk Campus, Weno, Chuuk
- 8/04 - 9/06. Environmental Engineer, Chuuk State EPA, Weno, Chuuk
- 8/96 – 12/04. President, Unanu Development Company (a non-profit NGO), Unanu, Chuuk (Note: No compensation received for this position)
- 1/99 – 12/99. Acting Principal, Unanu Elementary School, Unanu, Chuuk
- 9/85 – 12/98. President, Appropriate Technology Enterprises, Weno, Chuuk

- 11/83. Acting Vice President, Operations and Support Services, University of Guam, Mangilao, Guam
- 2/81 – 9/85. Director, Water and Energy Research Institute (WERI), University of Guam, Mangilao, Guam
- 6/76 – 2/81. Director, Water Resources Research Center (WRRC), University of Guam, Mangilao, Guam
- 9/75 – 6/76. Associate Professor and Chairman, Engineering Technology Division, Community Career College, University of Guam, Mangilao, Guam
- 9/73 – 6/75. Assistant Professor and Chairman, Department of Engineering Technology, College of Business and Applied Technology, University of Guam, Mangilao, Guam
- 9/72 – 6/73. Assistant Professor, Department of Engineering Technology, College of Business and Applied Technology, University of Guam, Mangilao, Guam
- 9/67 – 6/72. Assistant Professor, Department of Engineering Mechanics, Lafayette College, Easton, Pennsylvania
- 6/65 – 6/67. Mechanical Engineer, Waldron-Hartig Division, Midland-Ross Corp., New Brunswick, New Jersey
- 9/64 – 6/65. Waldron-Hartig Fellowship, Department of Mechanical and Aerospace Engineering, Rutgers – the State University, New Brunswick, New Jersey
- 6/64 – 9/64. Mechanical Engineer, Waldron-Hartig Division, Midland-Ross Corp., New Brunswick, New Jersey
- 9/63 – 6/64. Teaching Assistant, Department of Engineering Mechanics, Rutgers – the State University, New Brunswick, New Jersey
- 6/63 – 9/63. Mechanical Engineer, Design Division, New York Naval Shipyard, Brooklyn, New York

Professional Experience Prior to Receipt of Baccalaureate Degree

- 6/58 – 6/63. Student Trainee, Design Division, New York Naval Shipyard, Brooklyn, New York

Professional Registration

- Engineer in Training # 61, Guam Society of Professional Engineers (received grade of 100% on national examination)

Refereed Publications

- Schwar, J.P. and S. J. Winter. 1972. Student paced instruction for computer programming. *ERM*. Vol. 4, No. 3, PP 12 – 13, Educational Research and Methods Division, American Society for Engineering Education.
- Winter, S.J. and T.E. Shoup. 1972. The displacement analysis of path-generating flexible-link mechanisms. *Mechanisms and Machine Theory*, Vol. 7, No. 4, pp 443 – 451. Pergamon Press, Great Britain.
- Winter, S.J. 1987. A ferrocement well for Micronesia. *Waterlines*, Vol. 6, No. 2, pp 20 - 22. Intermediate Technology Publications Ltd., London.
- Winter, S.J. 1987. The evolution of water supplies on the remote islands of Truk State: preserving tradition and the environment. *Journal of the Washington Academy of Sciences*, Vol. 77, No. 4, pp. 224 – 229. Washington, D.C.

- Winter, S.J. 1996. Churches: a model for community water supply projects in Micronesia? *Pacific Health Dialogue*, Vol. 3, No. 2, pp 285 – 288. Fiji School of Medicine, Fiji.
- Winter, S.J. 1997. Providing clean energy. Chapter in *Creating Environmentally Sound Resorts*. Dave Rapaport, Ed., pp. 25 – 36. Greenpeace Pacific, Fiji.

Reports

- Marsh, J.A., Jr. and S.J. Winter (with cooperation from officials of the Environmental Protection Agency). 1975. Environmental Issues. Part V in C.J. Vail Jr., (Ed.), *The social-economic impact of modern technology upon a developing insular region: Guam*. Part V, pp. 1-87.
- Winter, S.J., and C.K. Liu. 1978. The analysis of small water distribution systems. Univ. of Guam, WRRRC, Tech. Rept. No. 4. vi + 24p.
- Zolan, W.J., R.N. Clayshulte, S.J. Winter, J.A. Marsh, Jr., and R.H.F. Young. 1978. Urban runoff quality in northern Guam. Univ. of Guam, WRRRC, Tech Rept. No. 5. xvi + 168 pp.
- Zolan, W.J., R.N. Clayshulte, and S.J. Winter. 1978. Urban runoff pollutant adsorption and filtering by selected Guam soils and limestone. Univ. of Guam, WRRRC, Tech. Rept. No. 6. vii + 39pp.
- Clayshulte, R.N., W.J. Zolan, and S.J. Winter. 1979. Air, noise, and water quality monitoring program, airport construction site, Moen Island, Truk District, Trust Territory of the Pacific Islands, Part A, pre-construction. Univ. of Guam, WRRRC, Tech Rept. No. 7. v + 44p.
- Romeo, C.J., W.J. Zolan, and S.J. Winter. 1980. Water quality monitoring program, Palau airport construction site, Ngurusar Bay, Babelthup Island, Palau District, Trust Territory of the Pacific Islands, Part A, pre-construction. Univ. of Guam, WRRRC, Tech. Rept. No. 12. vii + 40p.
- Winter, S.J., and R.A. Stephenson. 1981. The development of a village water supply system on Truk. Univ. of Guam, WRRRC, Tech. Rept. No. 28. x + 45p.
- Contractor, D.N., J.F. Ayers, and S.J. Winter. 1981. Numerical modeling of salt-water intrusion in the northern Guam lens. Univ. of Guam, WRRRC, tech. Rept. No. 27. vii + 48pp.
- Zolan, W.J., R.N. Clayshulte, and S.J. Winter. 1982. Air particulate and noise level monitoring program, airport construction site, Moen island, Truk, Trust Territory of the Pacific Islands, Part B, construction. Univ. of Guam, WRRRC, Tech. Rept. No. 32. vi + 20p.
- Contractor, D.N. and S.J. Winter. 1982. Assessment of low-head microhydroelectric equipment for use of small tropical islands. Univ. of Guam, WERI, Tech. Rept. No. 33. vii + 8p.
- Winter, S.J., L.D. McCleary, and R.D. Watters. 1983. The WERI Well of Truk: a solar photovoltaic pumping project. Univ. of Guam, WERI, Tech. Rept. No. 39. v + 27p.
- Winter, S.J. and R.D. Watters. 1984. Solar pumping for village water supplies systems on Truk. Univ. of Guam, WERI, Tech. Rept. No. 49. iii + 16p.
- Winter, S.J., and L.D. McCleary. 1984. Some improvements in the design of the WERI Well. Univ. of Guam, WERI, Tech. Rept. No. 54. v + 29p.
- Winter, S.J., and L.D. McCleary. 1985. A ram pump demonstration. Univ. of Guam, WERI, Tech. Rept. No. 59. v + 19p.

- Winter, S.J., and L.D. McCleary. 1985. Solar-powered wells for atoll island water supplies – part I. Univ. of Guam, WERI, Tech. Rept. No. 60. vi + 13p.
- Winter, S.J., G.A. Heslinga, and L.D. McCleary. 1985. A photovoltaic seawater pumping system for giant clam mariculture. 1985. Univ. of Guam, WERI, Tech. Rept. No. 61. vi + 24p.
- Winter, S.J. 1986. Water supply and sanitation facilities for Maloelap Atoll. Appropriate Technology Enterprises, Tech. Rept. No. 1. vi + 53p.
- Winter, S.J. 1986. A demonstration home for water and energy systems use on remote tropical islands. Appropriate Technology Enterprises, Tech. Rept. No. 2. vi + 25p.
- Winter, S.J. 1986. The development of a ferrocement well for use in the rural areas of Micronesia. Appropriate Technology Enterprises, Tech. Rept. No. 3. vi + 11p.
- Winter, S.J. 1987. Construction manual for a household solar well. Appropriate Technology Enterprises. 37p.
- Winter, S.J. 1987. Construction manual for a ferrocement rainwater storage tank. Appropriate Technology Enterprises. 52p.
- Case, C.W., S.J. Winter, and L.D. McCleary. 1987. A guidebook to alternate energy projects on American Samoa, the Commonwealth of the Northern Mariana Islands, the Federated States of Micronesia, and the Republics of the Marshall Islands and Palau. Office of Capital Improvement Projects, TTPI. vii + 143pp.
- Winter, S.J. 1988. Construction manual for a ferrocement well. United Nations Development Programme. 45p.
- Winter, S.J. 1988. Construction manual for a water-sealed toilet. United Nations Development Programme. 38p.
- Winter, S.J. 1988. Construction manual for a ferrocement rainwater storage tank. United Nations Development Programme. 52p.
- Winter, S.J. 1988. Solar Pumping of groundwater for atoll island water supplies. Appropriate Technology Enterprises. Tech. Rept. No. 4. v + 23p.
- Winter, S.J. 1991. A solar powered freezer facility. Appropriate Technology Enterprises. 16p.
- Winter, S.J. 1993. Federated States of Micronesia water resources bibliography. Univ. of Guam, WERI. Tech. Rept. No. 74. xi + 114p.
- Winter, S.J. and B.L. Campbell. 1995. Water supply for remote tropical islands: a high school teaching supplement --- a WERI educational program. Univ. of Guam, WERI. iv + 42p. (includes a companion slide presentation)
- Winter, S.J. 1995. Water for an island. FHP Foundation. 27p.
- Heitz, L.F. and S.J. Winter. 1996. Designing your rainwater catchment and storage system, Univ. of Guam, WERI. 16p.

Video

- Winter, S.J., and B.L. Campbell. 1994. Water for your island: a guide to water supply for the remote islands of the Federated States of Micronesia --- a WERI educational program. WERI, Univ. of Guam.

Papers/Presentations

- Winter, S.J. 1982. An overview of activities on Guam related to atoll cultivation. South Pacific Commission Regional Meeting on Atolls. Majuro, Marshall Islands.
- Winter, S.J. 1982. Characteristics of water supply systems in remote islands of Micronesia. Regional Workshop on Limnology and Water Resources Management in the Developing Countries of Asia and the Pacific. Kuala Lumpur, Malaysia.
- Stephenson, R.A., H. Kurashina, and S.J. Winter. 1982. Assessment of rain-water catchment and storage systems on Majuro. International Conference on Rainwater Cistern Systems, Univ. of Hawaii, Hawaii.
- Winter, S.J. 1987. Remote island applications of PV systems. Pacific Energy Conference, Cutting Power Costs — Tips from the Trade. Saipan, CNMI.
- Winter, S.J. 1994. Groundwater development in the remote areas of the Federated States of Micronesia. 1994 Pacific Northwest/Oceania Conference. Turtle Bay Hilton, Oahu, Hawaii.
- Winter, S.J. 1995. Survey of technologies for utilizing freshwater resources in Micronesia. SOPAC Workshop on Technologies for Maximizing and Augmenting Freshwater Resources in Small Islands. Suva, Fiji.
- Winter, S.J. 1995. Remote island applications of solar power. High Level Policy Makers Summit on Climate Change and Sustainable Development. Palikir, Pohnpei, FSM.
- Winter, S.J. 1996. Management of solar-powered pumping systems on remote tropical islands. 1996 Pacific Northwest/Oceania Conference, Water Resources Management in the Pacific Rim. Tumon Beach, Guam.
- Heitz, L.F. and S.J. Winter. 1996. Design of rooftop rain catchment systems in Micronesia. 1996 Pacific Northwest/Oceania Conference, Water Resources Management in the Pacific Rim. Tumon Beach, Guam.
- Heitz, L.F., S.J. Winter and S. Khosrowpanah. 1997. Design of rooftop rain catchment systems in Micronesia. Eighth International Conference on Rainwater Catchment Systems. Tehran, Iran.
- Winter, S.J. 1997. Onou Island solar pumping system: follow-up report. SOPAC Workshop on Solar Pumping. Tarawa, Kiribati.
- Winter, S.J. 2000. Early problems, projects, and progress. Keynote speech at the 25th anniversary celebration of WERI. Univ. of Guam, Mangilao, Guam.

Selected Consulting projects

- 1986. Consultant to UNDP (design appropriate water supply and sanitation facilities for use in Maloelap Atoll, Marshall Islands, in conjunction with UNDP Integrated Atoll Development Program)
- 1988. Consultant to US Department of Energy (maintain solar systems throughout Marshall Islands)
- 1989. Consultant to WHO (conduct workshop on Pohnpei on construction of low tech water storage tanks and well liners)
- 1992. Consultant to UNDP (design appropriate water supply and sanitation facilities for use on Woleai Atoll, FSM, in conjunction with UNDP Integrated Atoll Development Program)
- 1998. Consultant to Chuuk State El Nino Task Force (advise Governor's task force on ways to prepare for and combat El Nino drought)

- 1999. Special Consultant in Elementary Education to Chuuk State (serve as acting principal of the Unanu Elementary School and implement various means of upgrading the quality of education at that school)

Recent Major Solar Projects

- 1994. Community solar pumping system for Onou Island, Chuuk
- 1995. Dormitory solar lighting system and back-up AC power system for campus of Pacific Islands Bible School, Chuuk
- 1995. AC lighting system for Uman Protestant Church, Chuuk
- 1995. Household solar systems for Magur, Unanu, and Onou Islands, Chuuk
- 1996. Household lighting systems for Fono Island, Chuuk
- 1997. Household lighting systems (design and installation) for Pingelap Island, Pohnpei
- 1998. Community solar freezer system for Uman Island, Chuuk
- 1998. Municipal office and dispensary solar system for Kuttu Island, Chuuk
- 1998. Back-up power system (installation) for State Finance Office, Chuuk
- 2013. Grid-Tied Photovoltaic Power Systems for Chuuk State (at Chuuk International Airport), Chuuk

Recent Miscellaneous Projects

- 1996. An experiment in the reclamation of eroded beach areas on atoll islands (this project involved refilling an eroded beach area on Unanu Island with rock, gravel, and sand and replanting the area with shrubs). Funded by the Sea Grant Extension Service, University of Hawaii.
- 1997. Potable water supply for Unanu Island (this project involved the installation of a 1,000 gallon water storage tank and a specially designed aluminum rainwater catchment surface at/on each permanent home on Unanu Island). Funded by the Australian Embassy, Pohnpei, FSM.

Recent Personal Construction Projects

- 1997 – 1998. Built a 26-foot sailing catamaran using the wood-epoxy-saturation – technique (WEST) method of boat building.
- 1999 – 2004. Designed and built a number of houses on Unanu Island (288 square feet wood frame cottage; 384 square feet concrete block and wood frame shop; 582 square feet reinforced concrete home).

Hobby (Fitness) www.kissfitnesssolutions.com

- Winter, S.J. 2007. *The K*I*S*S* Fitness Program*, Xulon Press, 107p.
- Winter, S.J. 2014. *The K*I*S*S* Fitness Program*, self-published eBook, 90p.
- Winter, S.J. 2014. *The K*I*S*S* Fitness Program for Kids*, self-published eBook, 31p.
- Winter, S.J. 2014. *The K*I*S*S* Weight Training Program*, self-published eBook, 63p.

References

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