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AAPSE MEMBERSHIP

During the month of February three new members joined the ranks of AAPSE, they are Professor Robert G. Spicher, Associate Professor, Department of Civil Engineering, San Jose State College; Professor Ivan Metzger, Professor of Civil Engineering, New York University; and Professor Howard K. Willifoid, Head, Department of Civil Engineering, Mississippi State College.

Bob Spicher was impressed into service almost immediately upon his application being processed, in that he is serving as one of the associate editors of the AAPSE Newsletter.

EDITOR'S COMMENTS

At the request of Ben Ewing, I have taken over the editor's cloak for the AAPSE Newsletter. I hope to follow in the excellent tradition established by my predecessor, Ben Ewing, and keep the Newsletter as a journal where both AAPSE members and other interested parties can be kept abreast of happenings in the field of Sanitary Engineering.

When I joined AAPSE it was in some measure due to the frank and free discussions which were encouraged in open meetings by the nucleus of educators who proposed AAPSE. I would like to see this discussion forum continued via the Newsletter.

So, if you have any comments pertaining to the field of Sanitary Engineering, please send your letters to the AAPSE Forum. If things get going really well we might even challenge Playboy and its famous forum.

AAPSE FORUM

I have read with great interest the statement on "Graduate Curricula in Water Quality Engineering and Management" that appeared in the January, 1968 AAPSE Newsletter. I believe it is a good statement and I congratulate AAPSE on it.

With reference to Item 1 on page 5, I wondered if AAPSE is aware of Senate Document No. 49, "Manpower and Training Needs in Water Pollution Control," prepared by FWPCA for Congress in compliance with Public Law 89-753 and dated August 2, 1967. Copies of this document may be obtained from Mr. Kelly Campbell, FWPCA, 633 Indiana Avenue N. W., Washington, D. C., 20242.

John B. Nesbitt

Following are a few comments on the January AAPSE Newsletter article entitled "Graduate Curricula in Water Quality Engineering and Management."

I generally agree with the content of the article and particularly with assessment of personnel needs and educational resources in approaching future water quality problems. However, it does not appear to me that a simple assessment will suffice. The profession is badly handicapped at the present time, in my opinion, because of two reasons. The first is the fact that professional education is at the graduate level with recruitment into the field taking place primarily at or after receipt of a bachelor's degree. The second is the fact that primary support to students in the field is aimed at the graduate level and this support becomes restrictive in itself. This is so since only so many dollars, or traineeships, or other categories of support are available in any one year. Thus the field is penalized because of the late recruitment status and also the limited support encouraging addition of new members to the field.

It seems to me therefore, in addition to assessment of need (and this is a difficult task) that the profession and the governmental agencies

must look more closely at the recruitment and support problem. To this end there should be a much heavier investment in publicity, guidance, support, and programs at the undergraduate level. This investment would not be to turn out BS level sanitary engineers, but to make incoming college students aware of sanitary engineering to a much greater degree than exists at present. At the same time, if the profession is to expand, I feel that increased support will be required, not only at the graduate level but at the undergraduate level also. Counseling and publicity in the high schools, summer employment and other inducements must be added to make the young aware of the field and to give them an avenue, starting from the freshman level, of approaching it.

In summary, I feel that the recommendations do not get at two of the basic deterrents to improving the field. An additional recommendation on a study of methods by which persons may be recruited into the profession would seem to be a fundamental requirement. In making this recommendation I am assuming, before detailed study, that a quantitative need exists. This appears justified when one consults both the professional and non-technical literature of recent years.

Waldron M. McLellon

SECOND BIENNIAL AWARD, 1968

For Outstanding Contributions To Teaching Sanitary Engineering Theory and Practice

This award, presented jointly by AAPSE and Engineering-Science, Inc., was given to Dr. Perry McCarty in 1966. The present Selection Committee has mailed out announcements concerning this award to several hundred individuals and organizations. The deadline for submission of nominations was March 20, and the announcement of the award will be made, in all probability, at the Purdue Industrial Waste Conference.

Further information can be obtained by writing Earnest F. Gloyna, Chairman, Director, Environmental Health Engineering, Engineering Laboratories Building, University of Texas at Austin, Austin, Texas, 78712.

ABSTRACTS FOR WPCF RESEARCH SYMPOSIUM

It is still not too late to turn in an abstract for the 1968 Chicago meeting. Abstracts of 200-400 word length should be submitted to Dr. P. A. Krenkel, Department of Sanitary and Water Resources Engineering, Vanderbilt University, Nashville, Tennessee, 37203, before April 1, 1968.

THIRD CANADIAN SYMPOSIUM ON WATER POLLUTION RESEARCH

The Proceedings of the Third Canadian Symposium on Water Pollution Research are presently being published. Although this is the third year of symposia, it is the first year of formal publication. This will represent the first formally bound copy of a continuing series. The copy will be journal size and will be issued once per year following the symposium.

Canadian Universities Committee on Water Pollution Research 1967-68:

Chairman, Dr. P. H. Jones, University of Toronto

Dr. W. R. Drynan, University of Waterloo

Dr. J. R. Norman, McMaster University

The Proceedings will be available at \$10 per copy (\$5 for students) and can be ordered by writing to Dr. P. H. Jones, Department of Civil Engineering, University of Toronto, Toronto 5, Ontario, Canada.

The contents of the Proceedings are as follows:

YEAST PRODUCTION USING CONVENTIONAL ACTIVATED SLUDGE METHODS FOR TREATMENT OF CORN PROCESSING INDUSTRIAL WASTES. Dr's W. F. Milbury, G. Riedel, St. Lawrence Starch Co., and Dr. P. H. Jones, University of Toronto

EFFECT OF WASTE COMPOSITION ON MECHANISMS OF REMOVAL BY ACTIVATED SLUDGE. Dr. W. R. Drynan and Mr. K. T. Brodersen, Department of Civil Engineering, University of Waterloo, Ontario

FACTORS INFLUENCING PERFORMANCE OF LABORATORY BIOLOGICAL REACTORS. Dr. J. D. Norman, Mr. H. A. McLean and Mr. J. Bennett, Department of Civil Engineering, McMaster University, Hamilton, Ontario

AN APPLICATION OF A PIEZOMETRIC NETWORK TO STUDIES OF GROUNDWATER CONTAMINATION FROM A BARNYARD. Professor L. R. Webber and Mr. R. W. Gillham, Department of Soil Science, University of Guelph, Guelph, Ontario

SOME NITROGEN REMOVAL ASPECTS OF A CONTACT STABILIZATION PLANT. Mr. A. T. Downs and Dr. P. H. Jones, Department of Civil Engineering, University of Toronto

A STUDY OF SURVIVAL AND GROWTH OF BACTERIA AND REDUCTION OF ORGANIC MATTER IN SIMULATED SEA WATER. Dr. C. P. Fisher, Mr. S. Gorur and Mr. A. D. Tennant, Environmental Health Centre, Ottawa

BIODEGRADABILITY OF INDUSTRIAL WASTES. Mr. F. Guillaume, Ontario Water Resources Commission, Toronto

BIOLOGICAL OXIDATION IN ICE COVERED RIVERS. Professor P. Bouthillier, Department of Civil Engineering, University of Alberta, Edmonton

POLLUTION BOUNDARY CURVES. Dr. A. Pakalnins and Mr. M. F. Kuo, Department of Civil Engineering, McGill University Montreal

STATISTICAL ANALYSIS OF THE EFFLUENT QUALITY OF BIOLOGICAL SEWAGE TREATMENT PROCESSES. Mr. A. R. Townshend, Ontario Water Resources Commission, Ontario

APPLICATION OF REMOTE SENSING TO POLLUTION STUDIES. Dr. R. K. Lane, Great Lakes Division, Department of Energy, Mines and Resources, Hamilton, Ontario

ISOLATION AND IDENTIFICATION OF DOWTHERM A IN CARP. Dr. O. W. Berg, Mr. P. L. Diosady and Mr. G. A. V. Rees, Ontario Water Resources Commission, Toronto, Ontario

NEWS OF SANITARY ENGINEERING EDUCATORS

Dr. Raymond C. Loehr, formerly Professor and Director of the Environmental Health Engineering Research Laboratory at the University of Kansas, has been appointed Professor of Agricultural and Civil Engineering at Cornell University. His principle research activity will be devoted to the development of technically and economically feasible waste abatement processes and systems for use with domestic, industrial, and agricultural wastes to prevent air and water pollution. Dr. Loehr has been at the University of Kansas since 1961 and prior to that spent five years on the faculty of Case Institute of Technology.

Dr. William B. Strandberg, Colonel U. S. Army Engineers, Retired, recently joined the faculty at Drexel Institute of Technology. Other new additions to the staff at Drexel include Dr. Michael Disko, formerly of Newark College of Engineering; Dr. William Zemaitis, formerly of Lafayette College; and Dr. Edward Doheny, recently of Indiana University.

ITEMS OF INTEREST

President Johnson's budget, submitted to Congress on January 29, 1968, includes the following Federal water pollution control amendments:

- a. Training Grants: \$4.1 million, an increase of \$0.1 million over the present level.
- b. Research and Development: \$37 million, a cut of \$14.1 million.

Reference: Clean Water Report
Volume 5, No. 2, page 9
February, 1968

UPCOMING MEETINGS

The Third Annual AAPSE Workshop on "Application of Analog Computations in Sanitary Engineering" will be held at the College of Engineering, Vanderbilt University, Nashville, Tennessee, June 23-26, 1968. For further information please contact Dr. John F. Andrews, Professor and Director, Environmental Systems Engineering, Clemson University, Clemson, South Carolina, 29631.

The 40th Annual Meeting of California Water Pollution Control Association on "Pollution Control--Today's Waste/Tomorrow's Resources," will be held April 24-27, 1968. For further information please contact Dr. Franklin J. Agardy, Department of Civil Engineering, San Jose State College, San Jose, California, 95114. Meeting in Santa Rosa, California.

The University of Missouri (Rolla) is sponsoring an Environmental Engineering Conference April 19-20, 1968. The theme is "man, engineering, environment." Please contact Professor Sotirios G. Grigoropoulos, Department of Civil Engineering, University of Missouri at Rolla, Rolla, Missouri, 65401.

The 23rd Annual Purdue Industrial Waste Conference will be held May 7-9, 1968 at Purdue University, Lafayette, Indiana, 47907. Arrangements for AAPSE Meetings at Purdue University during the conference are as follows:

<u>Meeting</u>	<u>Date and Time</u>
Board Meeting	Monday a.m., May 6
Seminar	Monday p.m., May 6
Dinner & Business Meeting (AAPSE Members)	Monday Evening, May 6