

UNIVERSITY OF REGINA ARCHIVES AND SPECIAL COLLECTIONS

DR JOHN ARCHER LIBRARY

2005-11

OSCAR SEAWELL

Biographical Sketch: Oscar D. Seawell was born in the United States of America. In 1947 he received a Bachelor of Arts (Hons.) in mathematics and physics from Whitman College in Walla Walla, Washington.

In 1943-44, while pursuing undergraduate studies at the University of Utah, Salt Lake City, Oscar participated in a specialized training program for the United States Army in advanced civil engineering. Seawell's post-graduate work was undertaken while he was enrolled at the Massachusetts Institute of Technology in Cambridge where, in 1948, he graduated with a Master of Science degree in Civil Engineering.

Seawell took jobs in various streams of engineering - construction for two years, nuclear engineering for eleven years and for five years he worked in systems engineering, during this time he remained in association with the U.S. Army Reserve, Corps of Engineers from 1949 to 1983 rising to the rank of Lieutenant Colonel.

His career as an educator began at the University of Idaho where he taught engineering from 1952 to 1956. In 1956 to 1957, and also from 1961 to 1962, he taught an engineering extension course in nuclear reactor design at the University of California, Los Angeles. After this he taught at San Jose State College in 1964-1965.

In 1971 Oscar Seawell moved to Canada to accept an appointment as a professor of mechanical engineering at the University of Saskatchewan, Regina Campus where he was involved in the University's planning of the new Industrial Systems Engineering Program. Seawell served as the programs coordinator from 1977 to 1985. During his University career, Seawell also served on a number of university and faculty committees and retired as Professor Emeritus in 1989. He continues to reside in Regina.

Box 1 PERSONAL
 Biographical Information

UNIVERSITY OF REGINA/UNIVERSITY OF SASKATCHEWAN

University of Regina – Bachelor of Design
proposed program and architecture
programs at University of Manitoba and
University of British Columbia
University of Regina – Budget
University of Regina – Co-op Work Study
Program
University of Regina Faculty Club
University of Regina Financial Affairs
University of Regina Fees and Tuition
University of Regina Volunteers Listening
Post
University of Regina Early Retirement
(early retirement not taken)
University of Saskatchewan /University of
Regina – Publications
University of Saskatchewan – Saskatoon
Engineering Extension

SASKATCHEWAN INSTITUTE OF APPLIED SCIENCE AND
TECHNOLOGY

Other Education in Saskatchewan –
Saskatchewan Institute of Applied
Science and Technology (SIAS) Dental
Nursing and Nursing

PUBLICATIONS

Academic Press
Addison Wesley
Atomic Energy of Canada Ltd. (AECL) Candu
600 Documents
Atomic Energy of Canada Ltd. (AECL) – Other
publications (including Ascent)
American Institute of Industrial Engineers (AIIE)
Publication Sales (later Institute of Industrial
Engineers (IIE) – new files started)
Allen & Unwin (an English publishing company)
Allyn and Bacon Inc.
Amer Institutes for Research Systems Division
American Nuclear Society Publications
American Society of Mechanical Engineers
Annual Reviews Inc.
Books, Publishers, etc.
Books by Regina Faculty
Brooks/Cole Publishing Company
Cambridge University Press
Canadian Broadcasting Corporation and
National Film Board films and videotapes

Box 2

Canadian Geographic
Canadian Institute of Strategic Studies
Canadian Nuclear Society Publications
Canadian Publishers including Fifth House Ltd.
Collier-Macmillan Canada Limited
Computer-oriented publications
Copp Clark Pitman
C.R.C. Press (Critical Review)
Design Catalogues – John Mantle's list of
available catalogues with his materials
Edward Arnold Publishers
Elsevier (see August 1985 letter re seeking
ideas on new textbook, in Elsevier file in
section on publisher potential0
Engineering Index Inc.
Engineering Press Inc. San Jose
Equinox – a Canadian magazine of geography,
science and travel
Fitzhenry & Whiteside Ltd. (Handles Harper and
Row, INTEXT, Thomas Y. Cromwell, Indiana
University Press, Bobbs-Merrill
Follette College Book Company – Used Books
Gage Publishing Ltd. (includes note re:
discussing publishing possibilities)
General Electric Bookstore
General Publishing Company – Dove Books
Gordon and Breach
Government Institutions Inc.
Government Publications Section - University of
Regina Library
Haralson Publishing Company
Harper and Dow Publishers
Hemisphere Publishing Corporation – handled
by Harper and Row as of October 87 – Ellen
Graca
Holden Day
Holt, Rinehart & Winston
Hutchinson Publishers Group (available from
GLC Publishers Ltd.)
Industrial Engineering and Management Press –
Institute of Industrial Engineers
Industrial Engineering and Systems Publications,
(magazines and journals)
INFOR – the journal of Operational Research
and Information Processing - Copies of INFOR
on bookshelves
Institute of Industrial Engineers – General
Publications
Institute of Industrial Engineers - Robotics
International Atomic Energy Agency Publications
International Data Corporation – Energy
Research Reports
International Textbook
Iowa State University Press (includes Nuclear
Power Plant Thermodynamics and Heat
Transfer)
IPC Science Technology Press Ltd.

Box 3

Irwin – economics and business texts Richard D.
Irwin, Inc., Irwin-Dorsey of Canada
John Deere Teaching Materials
John Wiley and Sons
Journal of Energy – American Institute of
Aeronautics & Astronautics (AIAA)
Kai Deb Films International
The Kraprapper
Lansford Publishing Co. Audio Visual Aids
Longman's
Maclean Hunter Ltd.
Macmillan of Canada (different from Collier
Macmillan)
Marcel Dekker
McGraw Hill Co.
MCB University Press
Mechanical Engineering Publication – Institute of
Mechanical Engineers
Merrill Publishing (Charles E. Merrill Publishing)
Methuen Publications
Massachusetts Institute of Technology Press
(MIT Press) – includes Fluid Mechanics Films
Systems Theory
National Museum of Canada – re: Engineering
in Canada
Nature Weekly Science Magazine
Nelson Canada
North Holland Publishing Company (includes OR
journals)
Nuclear Engineering Texts
Nuclear Technology International (published by
Sterling Publications Ltd.)
Open University Educational Enterprises Ltd.,
England
Oxford University Press, Canada
Pergamon Press
Perry School Supplies
Peterson's Guides
Pitman (includes manuscript submission info)
Prentice Hall – (includes Industrial Engineers
texts and Beston Publishing Co.
Publishers Central Bureau
Reference Books – General Interest, not
Engineering
Renewable Energy News
Renouf Publishing Co.
Reprints of Author Publications
Research Institute Management Reports
Resources-Research Publications at University
of Regina
Safety and Accident Investigation Publications
Science Press
Science Research Associates (SRA) and IBM
Company – save for future reference re:
publishing potential
The Scientific Press, Palo Alto
Society of Manufacturing Engineers

Solar Energy Publications
 Springer-Verlag (scientific publications)
 Statistics Canada
 Texts Loaned to Others – and magazines
 Texts ordered for classes and comments and
 suggestions re texts
 Textbook order schedule
 Textbooks requested for personal use
 Thomas Nelson and Sons (Canada) Ltd.
 Houghton Mifflin
 G. Totten Publications – Simon and Schuster
 University Publications - a division of Physical
 Biological Sciences Ltd.
 University of Regina Factbook
 University of Toronto Press
 U.S. Public Documents
 Wadsworth Publishers
 Wellesley-Cambridge Press

TEXTBOOK REQUISITION PROGRESS REPORT
 Engineering 351-001; 1989Fall

CLASS NOTES
 Engineering 220

COURSE WORK
 Engineering 451 (contains 4 folders)

CONFERENCES, SEMINARS and COLLOQUIUMS
 7th Canadian National Energy Forum, Halifax
 Nova Scotia (attended) February 21-211 1983
 INDEX '89 Industrial Exhibition, Saskatoon April
 6-8, 1989
 INDEX Industrial Exhibition in Regina, April 7–9,
 1988
 1983 Summer Computer Simulation Conference,
 Vancouver, B.C. July 11-13, 1983
 Energex '84 Regina, May 14-19 1984
 Energex '82 Regina and 8th Annual Conference
 of Solar Energy Society of Canada, August
 1982
 International Conference on Mathematical
 Modelling – after those I attended in past
 Opportunities International Conference, (follow
 up under Can. Bureau for International
 Education) July 1976
 Conference on Computers in the Undergraduate
 Curricula WSU June 74 and later conferences
 Conference of Engineering Heads and Chairmen
 Conference Site Potential Location
 Energy Conference - Miscellaneous
 Joint Power Generation Conferences and Power
 Plant Dynamics Symposia and Industrial Power

Conference
 Nuclear Reactor Safety and Simulations
 Conferences and other Nuclear Conferences
 Nuclear Waste Management Conferences
 Simulation and Modelling Conferences
 Faculty of Engineering Research Seminar Series
 and other Engineering Seminars
 Materials Handling Seminars
 Nuclear Meetings and Symposia
 Short Courses re: Systems
 Travel – Rules and Procedures and mileage rate
 for cars
 Travel – Forms and Instructions
 Travel Government Cars (CVA) and rates for
 use of personal car
 Insurance: travel for University (includes
 Saskatchewan Government Insurance (SGI)
 insurance

GHANA PROJECT – Peter Catania
 Ghana Project 1991 Information
 (I did not work on this project)

THESIS / 4TH YEAR PROJECT

Sample work for Engineering / Communication class
 (requirement for Industrial Systems Engineering
 Program)

Residential Heat Loss Model for Mini Computers, J. J. Manuela Yu 1982

Box 4 TEXTBOOKS/SOLUTION MANUAL

Textbooks used for Engineering 200 and 201
 (Engineering Computations) at the University of
 Regina in the 1970s (flagged notes in the text
 books show problems assigned to students or
 done in class or during problem sessions)
 Fortran with Engineering Applications, Daniel D.
 McCracken
 Fortran for Engineering, William Schick. Charles
 J. Merz, Jr.
 Solutions Manuals to Accompany Fortran for
 Engineering, Schick/Merz
 Fortran Programming for Civil Engineers,
 Richard H. McCuen

ENERGY SYSTEMS REFERENCE BOOK

Energy Developments: New Forms,
 Renewables, Conservation, Ed. Fred A. Curtis

OVERSIZE STUDENT REPORTS

CLOSED Engineering 200 76 Winter
 CLOSED Engineering 200 77 Fall

CLOSED Engineering 201 78 Fall
CLOSED Engineering 201 79 Fall
CLOSED Engineering 201 79 Winter
CLOSED Engineering 201 80 Winter
CLOSED Engineering 330 84 Winter
CLOSED Engineering 351 89 Fall

ENERGY RESEARCH / ENERGY SYSTEM CLASS

University of Regina Budget, for research and
potential use in Engineering 451: Energy
Resource Maps

(1 oversize item)

SLIDES

Used in Engineering 451

Energy In Perspective, IEEE

includes slides: 2-4, 8-12, 17, 20-36, 38-
40

Continuation of Energy in Perspective,
IEEE includes slides: 41-45, 47, 49-51,
53-80

Slides removed for shorter presentation.
IEEE includes slides: 01, 05-07, 13-16,
18, 19, 37, 46, 48, 52, 81, 82