Candidate's Name:  John L. Wilkin
Date: 10/20/2011
Department:  Marine and Coastal Sciences
2011-2012

FORM NO. 1-a

RECOMMENDATION INFORMATION FORM
FOR
GENERAL TEACHING/RESEARCH FACULTY

Candidate's Name:  John L. Wilkin

Present Title:  Associate Professor

Evaluated for Appointment as, Reappointment as or Promotion to:  Professor
\[X\] with tenure  without tenure (check one)

Effective Date:  7/1/12

College/Faculty:  School of Environmental and Biological Sciences
Department:  Marine and Coastal Sciences

Instructions: This form is ordinarily completed by the candidate who wishes to be considered for reappointment and/or promotion, or for any required evaluation for reappointment or promotion. The evaluation may be initiated by a prospective candidate's dean, the appropriate chancellor, the Executive Vice President for Academic Affairs, or a personnel committee. All groups involved in the process must indicate their advisory judgments on the appropriate forms.

Entries should be listed in reverse chronological order, that is, the most recent, first.

This evaluation is initiated by: Lee Kerkhof, Department Chair
(If this evaluation is being conducted pursuant to the "rank review"\(^1\) (self-initiated) provision described in Section C of the Instructions, indicate that the evaluation is initiated by the candidate.)

\(^1\) "Rank review" refers to the circumstance where an evaluation is granted by request of a tenured faculty member who has been at the same rank for six years and has not been evaluated for the past four years.

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Academic Degrees (institutions and dates):

Ph.D., 1988, Joint Program in Oceanographic Engineering, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution

S.M., 1985, Department of Civil Engineering, Massachusetts Institute of Technology

B.E. (Hons), 1982, Department of Theoretical and Applied Mechanics, School of Engineering, University of Auckland, New Zealand

Employment History. Include employment prior to Rutgers, Rutgers employment with dates and date when candidate entered the tenure stream, and appointments within Rutgers, e.g., memberships in organized research centers, collegiate fellowships or interdisciplinary programs. If candidate held a post doc appointment prior to employment at Rutgers, include the name(s) of the principal investigator(s) or advisor(s):

7/1/2007 - present: Associate Professor, Department of Marine and Coastal Sciences, Rutgers University, New Jersey

9/1/2001-7/1/2007: Assistant Professor, Department of Marine and Coastal Sciences, Rutgers University, New Jersey. (Entry in tenure stream effective July 1, 2001)

2000-2001: Research Scientist, NIWA, Auckland, New Zealand

1998-1999: Senior Lecturer, School of Environmental and Marine Sciences, University of Auckland, New Zealand

1990-1997: Senior Research Scientist, CSIRO Division of Marine Research, Hobart, Tasmania, Australia

1988-1990: Scientist, DSIR Division of Water Sciences, New Zealand Oceanographic Institute, Wellington, New Zealand

1. Budgetary distribution since last evaluation. Indicate AY or CY, and IDR (instruction and departmental research), AES (agriculture and experiment station), or other.

   AY – 100% IDR

2. Indicate negotiated prior service (years applied toward tenure at Rutgers University for service at other institutions - see Rutgers Policy, section 60.5.13):

   None
3. Indicate number of years of service negotiated in "adjunct" status (section 60.5.13):

   None

4. If applicable, the candidate is in which probationary year (e.g., 5th, 6th)? N/A.
Teaching A (See Teaching B for Cook Extension Specialists)

1. Using the format in the example below, list in reverse chronological order, the teaching assignments of the candidate for every semester since the last successful evaluation, including the assignment for Fall 2011. In the case of candidates for tenure, list the teaching assignments for the entire probationary period. If there is no formal teaching assignment for a semester, then indicate "none" and give the reason (sabbatical leave, chairperson of major committee, leave without pay, etc.). The teaching chart is to be used only for typical classroom teaching (including lecture courses, seminars, colloquia, etc.) in credit-bearing courses that involve formal and consistent evaluative processes, typically the Student Instructional Rating Form. Independent studies and other forms of student mentorship or advising, including dissertation supervision, are to be listed under items 3 to 6; do not list these on the teaching chart.

Course Information:
For each course, include year, semester, course title and number, number of credits, mode of instruction, main audience, responsibilities and enrollment.²

Course Evaluation:

For each course for which summary student evaluation data are available, include the number of student evaluation responses received, and the instructor and departmental mean values for questions 9 and 10 on the University's Student Instructional Rating Form. If units use a different rating form, please indicate maximum rating value. If evaluations are not included for a specific course, please account for missing evaluations.

² "Mode of instruction" (MOI) means lecture, laboratory, recitation, seminar, or other, as appropriate.

"Main audience" (Aud) means the group most likely to take the course (graduate students, undergraduate majors, undergraduate non-majors or other).

"Responsibilities" (Resp) describes the candidate's participation in the course, e.g.:
The candidate essentially had total responsibility for the course, i.e., for the design of the syllabus, the choice of text, the great majority of lectures or other form of class leadership, grading and the writing of examinations; and/or the candidate had responsibilities beyond those described above, e.g., the administration of a large introductory lecture or laboratory course. Describe those responsibilities; and/or the candidate had shared responsibility. If the candidate had shared responsibility, describe the nature of that responsibility or explain fraction of candidate's effort (e.g., taught two lecture sections for 0.5 semester; organized series of invited lectures; 50%); and/or other. Describe the candidate's participation.
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<table>
<thead>
<tr>
<th>COURSE INFORMATION</th>
<th>COURSE EVALUATION</th>
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<td>Evaluation</td>
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<td>Responses (Max = 5)</td>
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<td>S/Yr</td>
<td>Course Title</td>
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<td>F11</td>
<td>Remote Sensing of the Ocean and Atmosphere</td>
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<td>F11</td>
<td>Dynamics of Marine Ecosystems</td>
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<td>S11</td>
<td>* Geophysical Data Analysis</td>
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<td>S11</td>
<td>* Geophysical Data Analysis</td>
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<td>Dynamics of Marine Ecosystems</td>
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<td>S10</td>
<td>Coastal Ocean Dynamics</td>
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<td>F09</td>
<td>Remote Sensing of the Ocean and Atmosphere</td>
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<td>F09</td>
<td>Dynamics of Marine Ecosystems</td>
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<td>S09</td>
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<td>F08</td>
<td>Remote Sensing of the Ocean and Atmosphere</td>
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<td>F08</td>
<td>Dynamics of Marine Ecosystems</td>
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<td>S08</td>
<td>Geophysical Data Analysis</td>
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<td>S08</td>
<td>Remote Sensing of the Ocean and Atmosphere</td>
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<td>F07</td>
<td>Dynamics of Marine Ecosystems</td>
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<td>S07</td>
<td>Physical Oceanography</td>
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<td>F06</td>
<td>Dynamics of Marine Ecosystems</td>
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<td>S06</td>
<td>TPCS: Comm. Ocean Sci</td>
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<tr>
<td>S06</td>
<td>Geophysical Data Analysis</td>
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</tbody>
</table>

* These courses are offered to Undergraduates and Graduates in the same section. The SIRS online survey results for these courses do not distinguish Enrolment, Number of Responses, or Instructor Rating between the Umm and Grad survey respondents. The tabulated Instructor ratings are therefore repeated, whereas the Department Means differ.
2. Special honors courses, interdisciplinary courses or collegiate mission courses taught.

None

3. List by year, the undergraduate and graduate students whose independent studies, honors theses and research internships were supervised since the last successful evaluation and explain the nature of the work supervised. Provide also the title of the project, if relevant. List each student once only.

None.

4. List by year of completion, the graduate students whose Doctoral and Master’s theses were supervised since the last successful evaluation. Also include those currently being supervised. List each student once only.

A. Doctoral theses supervised as primary advisor.

Weifeng G. Zhang, Ph.D. awarded 2009
Naomi Fleming, current student
Aboozar Tabatabai, current student
Jacqueline McSweeney, current student

B. Membership on doctoral theses committees or other (specify)

Donglai Gong, Ph.D. awarded 2010
Maria Aristizabal, current student
Joseph Jurisa, current student
Yi Xu, current student
Xinzhong Zhang, current student

C. Master’s theses supervised as primary advisor.

Greg Foti, M.S. awarded 2005

D. Membership on Master’s theses committees or other (specify).

Elisabeth Diamond, current student
Laura Palamara, M.S. awarded 2011

5. Postdoctoral trainees (identify by name and years of training).
Dr. Gregg Gerbi (April 2009 – Nov 2010)
Dr. Melissa M. Bowen (Jun 1999 – Dec 2001)

6. Academic advisement (describe role in departmental and collegiate student advisement programs and approximate number of advisees per year).

Since Spring 2009 – Graduate Director, Graduate Program in Oceanography. The number of GPO students was 15 in Spring 2009 and has grown to 30 in Fall 2011. As GPO Director, coordinated the PhD Qualifying Exam process for 7 students.

Each year since 2008 – mentored 2 undergraduate applicants for Fulbright Fellowships or Fulbright English Teaching Assistantships for the Rutgers Office of Distinguished Fellowships (Arthur Casciato, Director).

7. Curriculum development (list textbooks, anthologies or other edited collections, software programs to enhance learning, grant support for curriculum or course development, newly created courses and/or programs, major revisions of existing courses and/or programs, etc.). For textbooks, anthologies, and software, indicate scope of dissemination, i.e., local, statewide, national or international.

Remote Sensing of the Ocean and Atmosphere: 11:670:451/16:712:552. Undertook major revision when course was moved to Fall semester in 2008 with coordinator M. Miller and new rotation of instructors. New emphasis on orbit determination, satellite operations and launches, active microwave and passive infrared sensors, and oceanographic applications; these topics draw on my personal research as a member of the NASA Ocean Surface Topography Science Team.

8. Instructional development. List activities aimed at enhancing classroom teaching (e.g., participation in workshops or programs offered at professional conferences or by the Center for Teaching Advancement and Assessment Research, etc.).

None.

9. Syllabi. Provide links to course syllabi (including course learning goals and assessment methods), or related course materials, if available.

http://marine.rutgers.edu/dmcs/ms552
Dynamics of Marine Ecosystems: 11:628:320
http://marine.rutgers.edu/dmcs/ms320

Geophysical Data Analysis 11:628:452/16:712:615
http://marine.rutgers.edu/dmcs/ms615

Coastal Ocean Dynamics 16:712:503
http://marine.rutgers.edu/dmcs/ms503

10. Prizes and awards.

None.

11. Other.

September 2011: Scientific Program Committee and Invited Lecturer on Coastal Dynamics Modeling to 40 international students at a European Summer School in La Londe Les Maures, France, sponsored by Les Centres National de la Recherche Scientifique

January 2010: Invited Lecturer on Coastal Models to 70 international students at a summer school in Perth, Australia, on Observing, Assimilating and Forecasting the Ocean, an initiative of the World Meteorological Organization’s Global Ocean Data Assimilation Experiment (GODAE) http://www.bom.gov.au/bluelink/summerschool
Scholarship

List of publications\(^4\) (please provide all entries in reverse chronological order). **Where applicable, include an explanation of the candidate’s contribution to jointly-authored works.** Please number all entries, starting with the number 1 in each subsection.

1. Title of dissertation, date and name of director.


2. Books (give title, press, date of publication, page numbers and list of authors as it appears in the publication).

   A. Published. Number all entries in Section 2A, starting with the number 1 in each subsection a, b, and c.

   (a) Authored

   None.

   (b) Edited

   None.

   (c) Chapters in books


B. Accepted or in Press. Number all entries in Section 2B, starting with the number 1 in each subsection a, b, and c.

(a) Authored
None.

(b) Edited
None.

(c) Chapters in books
None.

C. Works in progress and/or items not yet accepted. Be specific, as above and indicate status (i.e. second review, submitted, in preparation). Number all entries in Section 2C, starting with the number 1.

None.

3. Journal articles (refereed). Give title, journal, date, page numbers and list of authors as it appears in the publication. Number all entries in Section 3, starting with the number 1 in each subsection A, B, and C.

A. Published.


Understanding how disease and environment combine to structure resistance in estuarine bivalve populations, Oceanography, 22(4), 212-231. (5%)


[31] Ridgway, K.R., J. R. Dunn and J. L. Wilkin (2002), Ocean interpolation by 4-dimensional weighted least squares: Application to the waters around Australasia, Journal of Atmospheric and Oceanic Technology, 19, 1357-1375. (20% - conceived project, algorithms and relevance to applications)


[34] Carter, L. and J.L. Wilkin (1999), Abyssal circulation around New Zealand: A comparison between observations and a global circulation model, Marine Geology, 159, 221-239. (50%)


B. Accepted or in Press.


C. Works in progress and/or items not yet accepted. Be specific, as above and indicate status (i.e. second review, submitted, in preparation).


4. Journal articles (not refereed). Give title, journal, date, page numbers and list of authors as it appears in the publication. Number all entries in Section 4, starting with the number 1 in each subsection A, B, and C.

A. Published


B. **Accepted or in Press**

None.

C. **Works in progress and/or items not yet accepted. Be specific, as above and indicate status (i.e. second review, submitted, in preparation).**

None.

5. **Electronic publications (refereed).** If not listed under #3 above, give title of publication, journal or other applicable name, network citation, e.g., uniform resource locator (URL), date, approximate number of pages, and list of authors. Indicate if the publication is permanently archived.

None.

6. **Electronic publications (not refereed).** If not listed under #4 above, give title of publication, journal or other applicable name, network citation, e.g., uniform resource locator (URL), date, approximate number of pages, and list of authors. Indicate if the publication is permanently archived.

None.

7. **Published conference proceedings.** Number all entries in Section 7, starting with the number 1 in each subsection A, B, and C.

A. **Published**


B. Accepted or in Press

None.

C. Works in progress and/or items not yet accepted. Be specific, as above and indicate status (i.e. second review, submitted, in preparation).

None.

8. Notes, book reviews and abstracts (be specific, as above). Number all entries in Section 8, starting with the number 1 in each subsection A, B, and C.

A. Published

None.

B. Accepted or in Press

None.

C. Works in progress and/or items not yet accepted. Be specific, as above and indicate status (i.e. second review, submitted, in preparation).

None.
9. Conference presentations, lectures, demonstrations. Number all entries in Section 9, starting with the number 1 in each subsection A, B, and C.

A. Keynote or plenary addresses


B. Other invited addresses


Invited presentations and lectures prior to last successful evaluation are not listed

C. Other presentations, lectures, demonstrations


[12] Wilkin, J., D. Vandemark, R. Scharroo, J. Zavala-Garay, H. Feng and G. Han, Improving coastal circulation analysis and prediction through refined altimeter data processing and variational data assimilation into a regional ocean model, Ocean Surface


Invited presentations and lectures prior to last successful evaluation are not listed.

10. Other (be specific, as above).

None.

11. Fellowships (give name of the fellowship, period of the award and amount awarded).

None.

12. Grants Received.

(a) External – Include sponsor, title of grant, period of the award, amount awarded, and role (principal investigator, co-principal investigator or other). If other than principal investigator, indicate percentage effort of the candidate and the identity of the principal investigator or co-principal investigator(s).

*Grants are listed in reverse chronological order by end date of the total project performance period.*

[1] Title: A CRI-EaSM Collaborative proposal: Climate-to-humans: A study of urbanized coastal environments, their economics and vulnerability to climate change
   Wilkin role: Co-investigator
   Principal Investigator: E. Curchitser
   Other Co-PIs: N. Fefferman, F. Felder, Y. Reinfelder, F. Werner
   Source of support: NSF
   Total award: $3,853,332
   Total period: 1-Feb-2011 to 1-Feb-2016
   Effort: 10%

   Wilkin role: Co-investigator
   Principal Investigator: T. Duda
Lermusiaux, M. Bradley, S. Jachec
Source of support: ONR
Total award: $450,000 (to Rutgers)
Total period: 1-Jun-2011 to 1-Jun-2014
Effort: 25%

Wilkin role: Co-investigator
Principal Investigator: M. Friedrichs
Source of support: NASA via Virginia Institute of Marine Sciences
Total award: $319,157 (to Rutgers)
Total period: 15-Mar-2010 to 15-Mar-2013
Effort: 50%

[4] Title: Collaborative Research: The influence of nursery area diversity and population structure on the population dynamics of marine fishes
Wilkin role: Principal Investigator
Co-PIs: T. Miller, C. Jones
Source of award: NSF
Total award: $192,907 (to Rutgers)
Total period: 1-Feb-2010 to 31-Jan-2013

Wilkin role: Principal Investigator
Source of support: NOAA and University Corporation for Atmospheric Research
Total award: $50,000
Total period: 1-Jun-2011 to 1-June 2012

[6] Title: Improving coastal circulation analysis and prediction through refined altimeter data processing and variational data assimilation
Wilkin role: Principal Investigator
Co-PIs: J. Zavala-Garay, D. Vandemark, R. Scharroo, G. Han
Source of support: NASA NNH07ZDA001N-OSTST
Total award: $824,398 (including UNH subcontract)
Total period: 1-Nov-2008 to 14-Jun-2012
[7] Title: MURI (Multi-University Research Initiative), Rapid Environmental Assessment Using an Integrated Coastal Ocean Observation Modeling System
Wilkin role: Co-investigator
Principal Investigator: O. Schofield
Other Co-Investigators: S. Glenn, G. Gawarkiewicz, R. He, D. McGillicuddy, K. Fennel, M. Moline
Source of support: Office of Naval Research
Total award: $1,339,086 to Rutgers
Period: 1-May-2006 to 30-Apr-2012
Effort: 12.5%

[8] Title: U.S. Scientific Steering Team for the Vietnamese East Sea DRI
Wilkin role: Principal Investigator
Source of support: ONR
Total award: $8618
Total period: 1-May-2011 to 30-Apr-2012

[9] Title: A super-regional testbed to improve models of environmental processes on the US Atlantic and Gulf of Mexico coasts
Wilkin role: Principal Investigator
Co-PIs: D. Wright and approximately 40 others
Source of support: NOAA via Southeastern Universities Research Association (SURA) and Virginia Institute of Marine Sciences (VIMS)
Total award: $192,828 (to Rutgers)
Total period: 1-Jun-2010 to 30-Nov-2011

[10] Title: Phased Deployment and Operation of the Mid-Atlantic Regional Coastal Ocean Observing System (MARCOOS)
Wilkin role: Co-investigator
Principal Investigator: S. Glenn
Source of support: NOAA
Total award: $10,000,000 ($320,000 to Rutgers Ocean Modeling Group)
Total period: 1-Oct-2007 to 30-Sep-2011
Effort: 5%
   Wilkin role: Principal Investigator
   Co-investigator: N. Gray
   Source of Support: NSF
   Total award: $17,000
   Total period: 15-Jun-2011 to 31-Aug-2011

[12] Title: U.S. Eastern Continental Shelf Carbon Cycling: Modeling, Data Assimilation, and Analysis
   Wilkin role: Co-investigator
   Principal Investigator: M. Friedrichs
   Source of support: NASA
   Total award: $258,750 (to Rutgers)
   Total period: 1-Apr-2008 to 31-Mar-2011
   Effort: 50%

   Wilkin role: Principal Investigator
   Source of support: NOAA
   Total award: $30,000
   Total period: 1-Apr-2010 to 12-Dec-2010

   Principal Investigator: E. Hofmann
   Other co-investigators: J. Klinck, D. Haidvogel, D. Bushek, X. Guo, E. Powell
   Source of support: NSF
   Total award: $1,180,514 to Rutgers
   Period: 1-Sep-2006 to 31-Aug-2009
   Effort: Wilkin 5%

   Wilkin role: Principal Investigator
   Co-investigators: M. Roughan, H. Arango, C. Sherwood
   Source of Support: ONR-Global
   Total award: $10,000
   Period: 1-Jan-2009 to 12-Dec-2009
[16] Title: U.S. GODAE: Global Ocean Prediction with the Hybrid Coordinate Ocean Model
   Wilkin role: Co-investigator
   Principal investigator: E. Chassignet,
   Other co-investigators: H. Hurlbert, E. Johnson, J. Harding, M. Clancy, R. Hodur, D.B.
   Rao, F. Aikman, C. Thacker, S. Hankin, O. Smedstad, S. Hankin, R. Bleck
   Source of support: NOPP/NOAA
   Total award: $11,875,760 (5% to Wilkin)
   Effort: 5%. Supervision of 12-month Graduate Research Assistant

[17] Title: Lagrangian studies of the transport, transformation, and biological impact of nutrients and contaminant metals in a buoyant plume
   Wilkin role: Co-investigator
   Principal investigator: R. Chant
   Other co-investigators: S. Glenn, O. Schofield, J. Reinfelder, P. Bissett, M. Moline, M.
   Zhou, R. Chen, T. Frazer, R. Houghton
   Source of support: NSF CoOP
   Total award: $ 2,241,125
   Effort: 17%

[18] Title: Eleven-Year Climatologies of High Resolution East and West Coastal Surface Currents based On Satellite Altimetry, Infrared and Ocean Color Imagery
   Principal Investigator: J. Wilkin
   Co-investigator: William J. Emery
   Source of support: NASA
   Total award: $199,336 to Rutgers

[19] Title: Coastal Ocean Observing System modeling: Data assimilation, adaptive sampling design, and multi-scale nesting
   Principal investigator: J. Wilkin
   Source of support: Office of Naval Research
   Total award: $234,279
   Period: 1-Sep-2005 to 31-Aug-2007

[20] Title: Physical forcing and Seasonal Variations in Phytoplankton in the Coastal Ocean
   Principal investigator: J. Wilkin
   Co-investigators: H. Sosik, J. Trowbridge, S. Lentz
   Source of support: NASA IDS - subcontract to WHOI
Candidate’s Name: John L. Wilkin
Department: Marine and Coastal Sciences

Total award: $76,936
Period: 1-Jan-2004 to 31-Dec-2006

[21] Title: Eastern U.S. Continental Shelf Carbon Budget: Modeling, Data Assimilation, and Analysis
Wilkin role: Co-investigator
Principal investigator: E. Hofmann
Source of support: NASA
Total award: $309,021 to Rutgers
Period: 1-Jan-2004 to 30-Sep-2006
Effort: 50%

[22] Title: Investigating Sea Scallop (Placopecten magellanicus) Population Dynamics under a Management Strategy Featuring Closed Areas
Wilkin role: Co-investigator
Principal investigator: J. Quinlan
Source of support: NOAA CMER
Total award: $77,460 (0% to Wilkin)
Period: 1-Sep-2003 to 1-Sep-2005
Effort: 5%. Co-advisor 12-month Graduate Research Assistant

[23] Title: Modeling boundary layers and air-sea interaction in the coastal ocean using ROMS and COAMPS: Evaluating hind-cast skill and interpreting observations during CBLAST-Low
Wilkin role: Principal investigator
Source of support: ONR
Total award: $285,606
Period: 1-Jan-2004 to 31-Dec-2005

[24] Title: A Relocatable Ocean Nowcast/Forecast System Using ROMS and Assimilation of Satellite Altimetry and Infrared Imagery
Principal investigator: J. Wilkin
Co-PIs: H. Arango, D. Griffin
Source of support: ONR
Total award: $160,661
Period: 1-Jan-2003 to 31-Dec-2004

[25] Title: Coastal Ocean Modeling and Observation Program
Wilkin role: Co-investigator

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Principal investigator: S. Glenn  
Other co-investigators: D. Haidvogel, O. Schofield  
Source of support: ONR  
Total award: $1,080,000  
Effort: 10%

[b] [Title: Ocean Carbon Flux, Transport and Burial within the Western and Eastern U.S. Coastal Zones  
Wilkin role: Co-investigator  
Principal investigator: with J. McWilliams  
Other co-investigators: D. Haidvogel, J. Moisan, B. Cornuelle, K. Stolzenbach  
Source of support: NASA IDS  
Total award: $1,748,758  
Period: 1-Apr-2001 to 31-Mar-2003  
Effort: 20%]

(b) Internal – Include sponsor, title of grant, period of the award, amount awarded, and role (principal investigator, co-principal investigator or other). If other than principal investigator, indicate percentage effort of the candidate and the identity of the principal investigator or co-principal investigator(s).

None.

13. Grants pending/currently under review (be specific as above).

Wilkin role: Co-investigator  
Principal investigator: U. Kremer  
Source of support: NSF  
Total award: $1,310,649  
Total period: 1-Oct-2011 to 30-Sep-2014  
Effort: 10%

[2] Title: Collaborative Research: Sources and fate of detrital particulate carbon in a coastal plan estuary  
Wilkin role: Co-investigator  
Principal investigator: E. Sikes  
Source of support: NSF
Total award: $449,263  
Total period: 1-Feb-2012 to 31-Jan-2015  
Effort: 30%


None.

15. Prizes and awards.

National Oceanographic Partnership Program's (NOPP's) 2007 Excellence in Partnering Award, with colleagues of the U.S. Global Ocean Data Assimilation Experiment (GODAE): Global Ocean Prediction with the HYbrid Coordinate Ocean Model (HYCOM) project.

Service

1. Contributions to the advancement of the academic profession.

Chair, Gordon Research Conference on Coastal Ocean Modeling, scheduled for June 2015.

Vice-Chair, Gordon Research Conference on Coastal Ocean Modeling, June 2011.

Program Committee for the Gordon Research Conference on Coastal Oceanography, June 2009.


Co-convener, Regional Ocean Modeling System User Workshop, Sydney, Australia, March 31 – April 2, 2009.

Co-convener, Regional Ocean Modeling System User Workshop, Grenoble, France, 6-8 October 2008.

Member, User Working Group review panel for the NASA-JPL Physical Oceanography Distributed Active Archive Center (PO-DAAC).

Member, U.S. Scientific Steering Team for the Vietnamese East Sea DRI

U.S. IOOS Data Management and Communications Steering Team (DMAC-ST) Modelers Caucus. 2005-2008


Associate Editor, Ocean Dynamics journal, Springer. Since 2000 – ongoing.

Peer reviewer during 2007-2011 for the following scientific journals:

- Continental Shelf Research
- Dynamics of Atmospheres and Oceans
- Geophysical Research Letters
- Journal of Geophysical Research
- Journal of Physical Oceanography
- N.Z. Journal of Marine and Freshwater Research
- Ocean Dynamics
- Ocean Modelling
- Oceanography
- Remote Sensing of Environment
- Science

Grant proposal reviewer during 2007-2011 for the following funding bodies:

- National Science Foundation
- NASA
- Sea Grant
- U.K. Natural Environment Research Council
- Australian Research Council
- N.Z. Foundation for Research Science and Technology

2. Contributions to the effective operation of the University, including contributions to the department, school or college.

Director, Graduate Program in Oceanography

Member, SEBS Site Planning Committee
Candidate’s Name: John L. Wilkin  
Date: 10/20/2011  
Department: Marine and Coastal Sciences  
2011-2012

Fulbright application mentor/reviewer

3. Contributions to society at large.

None.

4. Prizes and awards.

None.

Candidate's Certification

Check:

☐ I have been informed of the URL where a copy of the Academic Reappointment/Promotion Instructions can be accessed.

☐ The above information is accurate.

☐ The above information is inaccurate*

☐ The above information is accurate.

Departmental Certification

Signature of Candidate  Date  
Signature of Department Chair  Date

Print Name of Candidate  
Print Name of Department Chair

*Note: If the department chair disagrees with the information presented in Form 1-a above, he/she must submit written arguments of dissent within ten working days, explaining the specific points of disagreement. Such dissent shall be attached to Form 1-a, and made part of the candidate’s reappointment/promotion packet.