

Rita R. Colwell Papers
A Finding Aid to the Collection in the Library of Congress



Manuscript Division, Library of Congress
Washington, D.C.
2021

Contact information: <https://hdl.loc.gov/loc.mss/mss.contact>

Catalog Record: <https://lcn.loc.gov/mm2007085361>

Additional search options available at: <https://hdl.loc.gov/loc.mss/eadmss.ms020006>

Prepared by Manuscript Division staff

Finding aid encoded by Manuscript Division staff, 2020
Revised 2021 December

Collection Summary

Title: Rita R. Colwell Papers

Inclusive Dates: 1931-2004

Bulk Dates: 1980-2004

ID no.: MSS85361

Creator: Colwell, Rita R., 1934-

Extent: 149,000 items

Extent: 425 containers plus 1 classified and 16 oversize

Extent: 165 linear feet

Extent: 11,000 digital files (1.15 GB)

Language: Collection material in English, with French, Japanese, and Spanish

Location: Manuscript Division, Library of Congress, Washington, D.C.

LC Catalog record: <https://lcn.loc.gov/mm2007085361>

Summary: National Science Foundation director, microbiologist, educator, and administrator. Correspondence, writings, speeches, clippings, notes, meeting minutes, subject files, and other papers in both physical and digital formats documenting Colwell's tenure as National Science Foundation director and career as a microbiologist.

Selected Search Terms

The following terms have been used to index the description of this collection in the LC Catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically.

People

Colwell, Rita R., 1934-

Organizations

Georgetown University.

National Science Board (U.S.)

National Science Foundation (U.S.)

University of Maryland Biotechnology Institute.

University of Maryland, College Park.

University of Washington.

Subjects

Bacteria.

Bacterial diseases.

Cholera.

Communicable diseases.

Diversity in the workplace.

Marine biotechnology.

Marine microbiology.

Marine pollution.

Microbiology.

Microorganisms.

Minorities in science.

Public health.

Science and state--United States.

Science--Study and teaching.

Vibrio cholerae.

Vibrio.

Water quality.

Women in science.

Occupations

Administrators.
Educators.
Microbiologists.

Acquisition Information

The papers of Rita R. Colwell were given to the Library of Congress by Colwell in 2007. Numerous additions were given by her between 2007 and 2013.

Processing History

The papers of Rita R. Colwell were arranged and described by Nate Scheible with the assistance of Jake Bozza, Andrea Briggs, Kimberly Owens, Annette Scherber, Emilia Schrier, and Tammi Taylor in 2020.

Digital files were received as part of the Rita R. Colwell Papers on a variety of storage media, each of which was assigned a unique digital ID number. Use the digital ID number to request access copies of the files associated with each media. A description of the standard processes taken on all born digital records can be found in the Processing History Note: Born Digital Collection Material at <https://hdl.loc.gov/loc.mss/eadmss.digital>.

Transfers

Items have been transferred from the Manuscript Division to other custodial divisions of the Library. Audiotapes have been transferred to the Motion Picture, Broadcasting, and Recorded Sound Division and comprise recordings of conferences, lectures, and workshops. Some scientific reports, conference proceedings, and books have been transferred to the Science, Technology, and Business Division. Two maps have been transferred to the Geography and Map Division. All transfers are identified in these divisions as part of the Rita R. Colwell Papers. Patrons are encouraged to contact these divisions in advance of a research visit.

Other Repositories

Other papers of Rita R. Colwell can be found in the Albin O. Kuhn Library and Gallery at University of Maryland, Baltimore County and at the Purdue University Archives and Special Collections.

Copyright Status

The status of copyright in the unpublished writings of Rita R. Colwell is governed by the Copyright Law of the United States (Title 17, U.S.C.).

Access and Restrictions

The papers of Rita R. Colwell are open to research. Many collections are stored off-site and advance notice is needed to retrieve these items for research use. Access to digital content is available onsite only in the Manuscript Reading Room and requires advanced notice. Researchers are advised to contact the Manuscript Reading Room prior to visiting.

Technical Requirements

Digital files were mostly created in a Windows operating system, version unknown. The content is primarily text files in .doc, .pdf, and .xls formats; presentation files in .ppt format; web page files in .htm format; image files in .jpg and .gif formats; and video files in .mpg and .mov formats. Many legacy textual formats can be viewed with a file viewer tool. Digital ID mss85361_197_025 contains files in shapefile formats that require the use of an ESRI shapefile browser.

National Security Classified Information

Government regulations control the use of national security classified items in this collection. Manuscript Division staff can furnish information concerning access to and use of classified material.

Preferred Citation

Researchers wishing to cite this collection should include the following information: Container or digital ID number, Rita R. Colwell Papers, Manuscript Division, Library of Congress, Washington, D.C.

Biographical Note

Date	Event
1934, Nov. 23	Born, Beverly, Mass.
1956	B.S., Purdue University, West Lafayette, Ind.
1958	M.S., Purdue University
1961	Ph.D., University of Washington, Seattle, Wash.
1961-1964	Assistant research professor, University of Washington
1963-1972	Visiting assistant professor, assistant professor, and associate professor of biology, Georgetown University, Washington, D.C.
1971	Elected fellow, American Association for the Advancement of Science
1972	Appointed professor of microbiology, University of Maryland, College Park, Md.
1977	Producer, <i>Invisible Seas</i>
1977-1983	Director, University of Maryland Sea Grant College
1983-1987	Vice President for Academic Affairs, University of Maryland
1984-1985	President, American Society of Microbiology
1984-1990	Member, National Science Board
1987-1991	Founding director, Center of Marine Biotechnology, University of Maryland
1988	Elected member, Cosmos Club, Washington, D.C.
1989-1999	Chairman, Board of Governors, American Academy of Microbiology
1991-1998	Founding president, University of Maryland Biotechnology Institute
1996	President, American Association for the Advancement of Science
1996-1999	Member, Science Board, Advisory to the Commissioner of the Federal Drug Administration Member, Unesco International Science Advisory Board, Office of Director
1998, Aug.-2004, Feb.	Director, National Science Foundation
2005	Inductee, National Women's Hall of Fame Recipient, Order of the Rising Sun, Gold and Silver Star
2006	Awarded National Medal of Science, Biological Sciences
2008	President, American Institute of Biological Sciences
2010	Awarded Stockholm Water Prize
2014-2020	Member, Visiting Committee on Advanced Technology, National Institute of Standards and Technology
2017	Awarded Vannevar Bush Award, National Science Foundation

Scope and Content Note

The papers of Rita R. Colwell span the years 1931-2004, with the bulk of the material dating from 1980 to 2004. The collection documents many aspects of her career in science including her roles as director of the National Science Foundation, administrator at the University of Maryland, and researcher in the field of microbiology focusing on global infectious diseases, water, and health. The papers are primarily in English, with some Japanese, French, and Spanish. The

collection is organized into five series: [Personal File](#), [National Science Foundation Director Files](#), [Academic and Scientific Career Files](#), [National Security Classified Information](#), and [Oversize](#).

The collection focuses entirely on Colwell's professional career with no documentation of her personal life. The [National Science Foundation Director Files](#) represents the most cohesive series and provides a daily account of her activities throughout most of her tenure including meetings, speaking engagements, travels, strategic planning sessions, briefings, and conferences. The [Academic and Scientific Career Files](#) focus mostly on Colwell's activities as researcher and administrator at the University of Maryland, primarily through writings, grant projects, and an extensive subject file. Researchers should be aware that this collection does not represent the entirety of Colwell's papers, many of which she donated to the Albin O. Kuhn Library and Gallery at University of Maryland, Baltimore County and the Purdue University Archives and Special Collections. As a result, many files include noticeable gaps and may lack the full documentation of certain aspects of Colwell's career.

The [Personal File](#) series contains materials that are primarily biographical in nature and provide a broad overview of Colwell's life and career, mostly between 1980 and 2003.

The [National Science Foundation Director Files](#) series documents Colwell's tenure as director between 1998 and 2004, highlighting her oversight of the agency's mission, priorities, and goals and her role in shaping United States science policy.

The [Academic and Scientific Career Files](#) series documents Colwell's contributions to the scientific community in research, education, and development of science policy in the areas of marine biotechnology, microbial ecology, and microbial systematics, mostly between 1970 and 2003.

The remaining series contain [National Security Classified Information](#) and [Oversize](#) files.

Arrangement of the Papers

This collection is arranged in five series:

- [Personal File, 1960-2003](#)
- [National Science Foundation Director Files, 1983-2004](#)
- [Academic and Scientific Career Files, 1931-2004](#)
- [National Security Classified Information, 1991-2000](#)
- [Oversize, 1958-2003](#)

Description of Series

Container

BOX 1-5

Series

Personal File, 1960-2003

The Personal File series contains materials that are primarily biographical and provide a broad overview of Colwell's life and career, mostly between 1980 and 2003. Files include résumés, articles, interviews, awards, surveys, questionnaires, photographs, and personal contacts. Given the breadth of Colwell's career, this series, especially the detailed curricula vitae and bibliographies, contains useful reference materials that provide greater context to the collection as a whole. Though there is some documentation of her involvement in various professional organizations, this aspect of her career is mostly reflected in the Subject Files subseries within the Academic and Scientific Career Files series. There are no files documenting her childhood, family, or education.

Material types include résumés, press releases, awards, diplomas, certificates, clippings, business cards, photographs, bibliographies, and correspondence.

Arranged alphabetically by subject or material type.

BOX 6-202

National Science Foundation Director Files, 1983-2004

The National Science Foundation Director Files series documents Colwell's tenure as director between 1998 and 2004, highlighting her oversight of the agency's mission, priorities, and goals, and her role in shaping United States science policy. The collection reflects Colwell's focus on building a twenty-first century workforce by promoting science education at the primary and secondary school level and advocating for increased participation of women and people of color in mathematics and engineering. It also documents the effect of the September 11 Terrorist Attacks in 2001 in shaping national science policy, specifically with regard to grants issued and studies undertaken in direct response to the events and the agency's role in supporting homeland security. The series also documents Colwell's oversight and involvement within the various directorates in the agency. Many files also highlight Colwell's distinction as the first female director of the National Science Foundation. Grants Colwell received from the National Science Foundation as a researcher are documented in the Academic and Scientific Career Files series.

Arranged into four subseries.

BOX 6-129

Meeting and Travel Files, 1998-2004

The Meeting and Travel Files subseries documents Colwell's daily activities throughout most of her tenure as National Science Foundation director. These include meetings, interviews, speaking appearances, conferences, social gatherings, strategic planning sessions, budget rollouts, briefings, and foreign and domestic travel. Noteworthy engagements include congressional committee hearings, director's policy group retreats, advisory committee meetings for various agency directorates, meetings with heads of research organizations, women's history month planning events, a trip to Antarctica with members of the United States Congress, and meetings for the Commission on the Advancement of Women and Minorities in Science, Engineering, and Technology Development (CAWMSET). Subjects include the National Ocean Research Leadership Council, G8 Heads of Research Councils, Computer and Information Science and Engineering advisory committee, and National Commission on Mathematics and Sciences Teaching for the Twenty-First Century. Files related to National Science Board meetings include task force reports, director's reports, and meeting minutes and document strategic planning efforts, grants, and funding. Though meeting and travel files were assembled by Colwell's staff to provide information to be used on a specific day, the files were subsequently updated to include follow-up letters, minutes, transcripts,

and other related materials. The subseries contains very little documentation of Colwell's meetings and travel in 1998.

Material types include daily calendars, schedules, correspondence, itineraries, briefing materials, speeches, email printouts, planners, notes, memoranda, agendas, meeting minutes, testimonies, and reports. Some presentations and other textual materials are in digital formats.

Arranged chronologically by meeting or travel date. The file structure of the digital content maintained as received.

BOX 130-151

Speaking Engagements and Personal Appearances, 2000-2004

This subseries documents speeches, interviews, remarks, panels, keynote addresses, house budget committee hearings, congressional science committee hearings, roundtables, ceremonies, groundbreakings, and budget requests, mostly between 2000 and 2004. Subjects include science at the turn of the twentieth century, research and development initiatives, climate change, biocomplexity, and the underrepresentation of women and people of color in science careers. Some speeches focus on the National Science Foundation's fiftieth anniversary in 2000, reflecting on the establishment of the agency and its role in shaping United States science policy. In many cases this subseries duplicates or supplements materials present within the [Meeting and Travel Files](#) subseries.

Material types include speeches, talking points, calendars, agendas, and correspondence. Videos and some presentations are in digital formats.

Arranged chronologically by date of speech or personal appearance. The file structure of the digital content maintained as received.

BOX 151-173

Correspondence, 1998-2004

The Correspondence subseries mostly features outgoing correspondence from Colwell and her office related to official business of the National Science Foundation. Topics include action items, approvals from the director, and responses to questions regarding agency activities, budget issues, policies, programs, and grants. Correspondents include heads of other government organizations, administrators at academic institutions, and members of the United States Congress. The subseries also comprises thank you letters, staff memoranda, service awards, recommendation letters, and various attachments. Most of the correspondence is arranged chronologically, with some invitations arranged alphabetically as either "accepted" or "declined." In keeping with the original order of the materials, incoming and outgoing letters are often grouped together and filed according to the date of the most recent letter. There is very little incoming correspondence.

Material types include letters, memoranda, invitations, and email printouts, and attachments including reports, plans, agreements, and press releases.

Arranged alphabetically by type.

BOX 173-202

Subject File, 1983-2004

The Subject Files subseries comprises materials that supplement many of the [Meeting and Travel Files](#) documenting Colwell's daily activities as National Science Foundation director. Strategic planning within the agency is documented through Senior Management Integration Group files, assistant director retreats and meetings, and various working groups, committees, and task forces. The files on the National Science Foundation's budget include performance plans, negotiations, and background on legislation. Agency directorates featured prominently in the subseries include Biological Sciences (BIO), Education and Human Resources (EHR), Engineering (ENG), and Mathematical and Physical Sciences (MPS). Other notable subjects documented in the subseries include the Commission on the Advancement of Women and Minorities in

Science, Engineering, and Technological Development (CAWMSET), the President's Information Technology Advisory Committee (PITAC), international programs, and historical background on the National Science Foundation.

Material types include notes, reports, clippings, correspondence, memoranda, agendas, presentations, and meeting minutes. Videos, photographs, maps, and some reports and other textual materials are in digital formats.

Arranged alphabetically by subject. The file structure of the digital content maintained as received.

BOX 203-425

Academic and Scientific Career Files, 1931-2004

The Academic and Scientific Career Files series documents Colwell's contributions to the scientific community in research, education, and development of science policy in the areas of marine biotechnology, microbial ecology, and microbial systematics, mostly between 1970 and 2003. The series features writings, speeches, grant files, correspondence, and an expansive subject file focusing on her research on marine and estuarine microorganisms, interactions between microorganisms and their environment, and cholera and species of bacteria. The series also documents her role as an administrator at the University of Maryland, primarily as founding president of the Maryland Biotechnology Institute. Some files related to Colwell's role as a researcher can also be found within the [National Science Foundation Director Files](#) series including files related to the International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), American Society for Microbiology, and International Union of Microbiological Societies. This series does not contain many files on her role as president of the American Society for Microbiology, as a member of the National Science Board from 1984 to 1990, or any files related to her career after 2004.

Arranged into four subseries.

BOX 203-241

Speeches and Writings, 1968-1999

The Speeches and Writings subseries comprises files related to articles, reports, speeches, books, and chapters of books written by or edited by Colwell. In addition to the final published and unpublished writings, the files contain drafts, working files, and other background material. The bulk of the writings span from 1974 to 1994. No writings after 1999 are represented in the subseries. Topics include marine biotechnology, *Vibrio cholerae* and other *Vibrio* species, marine and estuarine microorganisms, the effect of bacteria on marine life, and interactions between microorganisms and their environment, especially in relation to petroleum and other pollutants. Much of the research relates to studies conducted in Bangladesh and the Chesapeake Bay. Speech files include American Society for Microbiology conferences and presentations, congressional hearings, and plenary addresses. Reports and articles often include research conducted as part of grant-funded projects located in the [Grants, Proposals, and Contracts](#) subseries. Additional writings and speeches are also in the proceedings, symposia, and conferences files in the [Subject File](#) subseries.

Material types include articles, abstracts, bibliographies, charts, graphs, reviews, correspondence, outlines, reports, agreements, and speeches. Some textual materials are in digital formats.

Arranged alphabetically by material type and thereunder either chronologically or alphabetically by title. The file structure of the digital content maintained as received.

BOX 243-270

Grants, Proposals, and Contracts, 1972-1993

The Grants, Proposals, and Contracts subseries comprises files related to various research studies and projects in which Colwell was involved, mostly during the 1980s. In many cases, the files document the full breadth of each study from the initial proposal to the final deliverable. Topics include the effect of pollution in marine

environments, genetically engineered microorganisms, hazards to divers in polluted waters, and many studies related to cholera, including systematics of the genus *Vibrio*, and detection and effects of *Vibrio cholerae* in marine and estuarine environments. Most of the projects were funded by public institutions including the Environmental Protection Agency, National Institutes of Health, National Oceanic and Atmospheric Administration, National Science Foundation, Office of Naval Research, and the World Health Organization. Many reports and articles generated from research associated with these projects can also be found in the [Speeches and Writings](#) subseries.

Material types include applications, proposals, drafts, correspondence, notes, memoranda, articles, reports, and agreements. Some textual materials are in digital formats.

Arranged alphabetically by granting agency or company and thereunder alphabetically by title. The file structure of the digital content maintained as received.

BOX 270-316

Correspondence, 1936-2004

This subseries comprises correspondence from all facets of Colwell's career and professional network, the bulk of which spans from 1970 to 1992. The name file represents the largest grouping of material and contains correspondence with other researchers and scientists at universities and government institutions, and within the private sector. Other correspondents consist of students, administrators, and politicians. Topics documented within the correspondence include research findings and data; exchange of culture samples, supplies, and scholarly articles; conferences, seminars, and workshops; peer reviews of articles and grant proposals; coordination of visiting scientists' appointments; and recommendation letters for jobs, fellowships, and awards. The chronological and alphabetical files are more limited in scope and contain many noticeable gaps in documentation. The subject files include letters of congratulations on Colwell's appointment as National Science Foundation director and recommendation letters for former students and colleagues.

Material types include letters, memoranda, invitations, greeting cards, and attachments including meeting minutes, reprints, clippings, and résumés.

Arranged alphabetically by subject.

BOX 316-425

Subject File, 1931-2004

The Subject File documents Colwell's broad scientific career, focusing on her varied research interests and involvement within academic institutions, government agencies, professional associations, advisory committees, and editorial boards. The bulk of the files date from 1975 to 2003. Though not cohesive, many files focus on Colwell's career at the University of Maryland and document the founding of the Maryland Biotechnology Institute, as well as her involvement on the board of regents and chancellor's council. The subseries includes limited documentation of her academic career at Georgetown University and the University of Washington. The proceedings, symposia, and conferences files document Colwell's involvement as an organizer, participant, presenter, and panelist at a range of workshops and conferences such as the National Ocean Conference of 1998, the Japanese Cholera Panel, International Congress of Microbiology conferences, and American Society for Microbiology conferences. Other major subjects include the International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), Microbiology Resources Centers (MIRCENS), Leadership Maryland, Systematics Agenda 2000, the *Exxon Valdez* oil spill, the Cosmos Club, and various polar research boards and committees.

Material types include meeting minutes, agendas, notes, correspondence, writings, schedules, laboratory notebooks, articles, pamphlets, clippings, reports, newsletters, and photographs. Some textual materials are in digital formats.

Arranged alphabetically by subject. The file structure of the digital content maintained as received.

BOX CL 1

National Security Classified Information, 1991-2000

Material types include reports and a brief.

Listed and described according to the series, subseries, containers, and folders from which the items were separated.

BOX OV 1-OV 16

Oversize, 1958-2003

Material types include diplomas, posters, certificates, graphs, charts, maps, photographs, a book, and a Rolodex.

Listed and described according to the series, subseries, containers, and folders from which the items were separated.

Container List

Container	Contents
BOX 1-5	<p>Personal File, 1960-2003</p> <p>The Personal File series contains materials that are primarily biographical and provide a broad overview of Colwell's life and career, mostly between 1980 and 2003. Files include résumés, articles, interviews, awards, surveys, questionnaires, photographs, and personal contacts. Given the breadth of Colwell's career, this series, especially the detailed curricula vitae and bibliographies, contains useful reference materials that provide greater context to the collection as a whole. Though there is some documentation of her involvement in various professional organizations, this aspect of her career is mostly reflected in the Subject Files subseries within the Academic and Scientific Career Files series. There are no files documenting her childhood, family, or education.</p> <p>Material types include résumés, press releases, awards, diplomas, certificates, clippings, business cards, photographs, bibliographies, and correspondence.</p> <p>Arranged alphabetically by subject or material type.</p>
BOX 1	Awards, honors, and nominations, 1980-1995 See also Containers OV 1-OV 9, Certificates, diplomas, citations (9 folders)
BOX 2	Awards, honors, and nominations, 1996-2003 See also Containers OV 1-OV 9, Certificates, diplomas, citations (3 folders)
BOX 2	Biographical file, 1977-1994
BOX 2	Clippings, 1970-2003 (4 folders)
BOX 3	Contacts, circa 1960s-1970s (2 folders)
BOX 3	Contacts, 1995-2000, undated (5 folders)
BOX OV 10	Contacts, Rolodex, circa 1980s See Container OV 10, same heading
BOX 4	Curricula vitae, 1979-1987, 1996-1997 See also Container 232, Bibliographies (8 folders)
BOX 5	Curricula vitae, 1996-1997
BOX 5	Georgetown University School of Medicine, 1970-1971
BOX 5	Interviews, 1990-1991, 1999-2003
BOX 5	Memberships, 1991-1995
BOX 5	Photographs, 1994-2002, undated See also Container OV 3, same heading ; See also Container OV 8, same heading ; See also Container OV 9, same heading (5 folders)
BOX 5	Surveys and questionnaires, 1984-1999
BOX 6-202	<p>National Science Foundation Director Files, 1983-2004</p> <p>The National Science Foundation Director Files series documents Colwell's tenure as director between 1998 and 2004, highlighting her oversight of the agency's mission, priorities, and goals, and her role in shaping United States science policy. The collection reflects Colwell's focus on building a twenty-first century workforce by promoting science education at the primary and secondary school level and advocating for increased participation of women</p>

and people of color in mathematics and engineering. It also documents the effect of the September 11 Terrorist Attacks in 2001 in shaping national science policy, specifically with regard to grants issued and studies undertaken in direct response to the events and the agency's role in supporting homeland security. The series also documents Colwell's oversight and involvement within the various directorates in the agency. Many files also highlight Colwell's distinction as the first female director of the National Science Foundation. Grants Colwell received from the National Science Foundation as a researcher are documented in the [Academic and Scientific Career Files](#) series.

Arranged into four subseries.

BOX 6-129

Meeting and Travel Files, 1998-2004

The Meeting and Travel Files subseries documents Colwell's daily activities throughout most of her tenure as National Science Foundation director. These include meetings, interviews, speaking appearances, conferences, social gatherings, strategic planning sessions, budget rollouts, briefings, and foreign and domestic travel. Noteworthy engagements include congressional committee hearings, director's policy group retreats, advisory committee meetings for various agency directorates, meetings with heads of research organizations, women's history month planning events, a trip to Antarctica with members of the United States Congress, and meetings for the Commission on the Advancement of Women and Minorities in Science, Engineering, and Technology Development (CAWMSET). Subjects include the National Ocean Research Leadership Council, G8 Heads of Research Councils, Computer and Information Science and Engineering advisory committee, and National Commission on Mathematics and Sciences Teaching for the Twenty-First Century. Files related to National Science Board meetings include task force reports, director's reports, and meeting minutes and document strategic planning efforts, grants, and funding. Though meeting and travel files were assembled by Colwell's staff to provide information to be used on a specific day, the files were subsequently updated to include follow-up letters, minutes, transcripts, and other related materials. The subseries contains very little documentation of Colwell's meetings and travel in 1998.

Material types include daily calendars, schedules, correspondence, itineraries, briefing materials, speeches, email printouts, planners, notes, memoranda, agendas, meeting minutes, testimonies, and reports. Some presentations and other textual materials are in digital formats.

Arranged chronologically by meeting or travel date. The file structure of the digital content maintained as received.

BOX 6

1998

(3 folders)

BOX 6

1999, Jan. 2-12

(6 folders)

DF

1999, Jan. 9-12, University of Texas at Dallas, School of Natural Sciences and Mathematics, Department of Molecular and Cell Biology

Digital ID: mss85361_197_004

BOX 7

1999, Jan. 13-31

(10 folders)

BOX 8

1999, Feb. 1-12

(11 folders)

BOX 9

1999, Feb. 13-24

(11 folders)

BOX 10

1999, Feb. 25-Mar. 8

(8 folders)

National Science Foundation Director Files, 1983-2004

Container	Contents
BOX 11	1999, Mar. 9-Mar. 18 (9 folders)
BOX 12	1999, Mar. 18-24 (8 folders)
BOX 13	1999, Mar. 24-Apr. 3 (8 folders)
BOX 14	1999, Mar. 28-Apr. 5 (7 folders)
BOX 15	1999, Apr. 6-14 (8 folders)
BOX 16	1999, Apr. 13-21 (8 folders)
BOX 17	1999, Apr. 22-28 (10 folders)
BOX 18	1999, Apr. 28-May 3 (10 folders)
BOX 19	1999, May 4-7 (9 folders)
BOX 20	1999, May 7-15 (8 folders)
BOX 21	1999, May 16-18 (5 folders)
BOX 22	1999, May 19-June 2 (10 folders)
BOX 23	1999, May 29-June 2 (10 folders)
BOX 24	1999, June 10-17 (8 folders)
BOX 25	1999, June 18-24 (9 folders)
BOX 26	1999, June 23-July 1 (10 folders)
BOX 27	1999, June 30-July 24 (14 folders)
BOX 28	1999, July 26-Aug. 4 (9 folders)
BOX 29	1999, Aug. 5-24 (9 folders)
DF	1999, Aug. 13-24, Presentations Digital ID: mss85361_197_005
BOX 30	1999, Aug. 13-Sept. 3 (10 folders)
BOX 31	1999, Sept. 7-22 (10 folders)
BOX 32	1999, Sept. 23-29 (9 folders)
BOX 33	1999, Sept. 30-Oct. 12 (9 folders)

National Science Foundation Director Files, 1983-2004

Container	Contents
BOX 34	1999, Oct. 13-18 (9 folders)
BOX 35	1999, Oct. 18-29 (9 folders)
DF	1999, Oct. 26-29, "Information Technology: Ariadne's Thread Through the Science and Technology Labyrinth" (presentation) Digital ID: mss85361_197_006
BOX 36	1999, Oct. 26-Nov. 5 (7 folders)
BOX 37	1999, Nov. 5-16 (9 folders)
BOX 38	1999, Nov. 16-Dec. 6 (11 folders)
BOX 39	1999, Dec. 6-29 (12 folders)
BOX 40	2000, Jan. 3-13 (9 folders)
BOX 41	2000, Jan. 13-24 (8 folders)
BOX 42	2000, Jan. 26-Feb. 12 (9 folders)
BOX 43	2000, Feb. 10-17 (7 folders)
BOX 44	2000, Feb. 17-24 (8 folders)
BOX 45	2000, Feb. 25-Mar. 7 (10 folders)
BOX 46	2000, Mar. 6-15 (10 folders)
BOX 47	2000, Mar. 17-29 (11 folders)
DF	2000, Mar. 30, "The Promise of New Developments in the Biomedical Sciences" (presentation) Digital ID: mss85361_197_007
BOX 48	2000, Mar. 30-Apr. 5 (8 folders)
BOX 49	2000, Apr. 6-17 (11 folders)
DF	2000, Apr. 13, "'World Enough, and Time': A Global Investment for the Environment" (presentation) Digital ID: mss85361_197_008
BOX 50	2000, Apr. 17-26 (8 folders)
BOX 51	2000, Apr. 27-May 4 (9 folders)
BOX 52	2000, May 5-14 (8 folders)

National Science Foundation Director Files, 1983-2004

Container	Contents
BOX 53	2000, May 11-23 (9 folders)
BOX 54	2000, May 24-June 10 (7 folders)
BOX 55	2000, June 7-20 (11 folders)
BOX 56	2000, June 18-July 7 (9 folders)
BOX 57	2000, July 9-18 (10 folders)
BOX 58	2000, July 19-Aug. 7 (9 folders)
BOX 59	2000, Aug. 10-Sept. 6 (8 folders)
DF	2000, Aug. 30-31, Business Roundtable, "The Role of Technology in Responding to Concerns about Global Climate Change" Digital ID: mss85361_197_009
BOX 60	2000, Sept. 7-18 <i>See also Container OV 7, Posters</i> (9 folders)
BOX 61	2000, Sept. 19-Oct. 3 (10 folders)
BOX 62	2000, Oct. 4-20 (9 folders)
BOX 63	2000, Oct. 20-Nov. 8 (9 folders)
BOX 64	2000, Nov. 9-27 (11 folders)
BOX 65	2000, Nov. 28-Dec. 4 (9 folders)
BOX 66	2000, Dec. 5-20 (10 folders)
BOX 67	2001, Jan. 3-Feb. 13 (14 folders)
BOX 68	2001, Feb. 13-23 (9 folders)
DF	2001, Feb. 21, Business Roundtable, "National Science Board; Science and Engineering Indicators 2000" Digital ID: mss85361_197_010
BOX 69	2001, Feb. 26-Mar. 7 (9 folders)
BOX 70	2001, Mar. 8-30 (12 folders)
BOX 71	2001, Mar. 30-Apr. 10 (9 folders)
BOX 72	2001, Apr. 11-20 (10 folders)
BOX 73	2001, Apr. 22-30 (8 folders)

National Science Foundation Director Files, 1983-2004

Container	Contents
BOX 74	2001, May 1-8 (7 folders)
BOX 75	2001, May 6-12 (9 folders)
DF	2001, May 14, Business Roundtable, "Advisory Committee on Cyberinfrastructure; Background information" Digital ID: mss85361_197_011
BOX 76	2001, May 14-29 (10 folders)
BOX 77	2001, May 29-June 19 (10 folders)
BOX 78	2001, June 20-July 3 (7 folders)
BOX 79	2001, July 9-Aug. 4 (9 folders)
BOX 80	2001, July 29-Aug. 31 (8 folders)
DF	2001, Aug. 26-31, " <i>Vibrio cholerae</i> : An Illustrative Case for Biocomplexity" (presentation) Digital ID: mss85361_197_012
BOX 81	2001, Aug. 26-Sept. 20 (9 folders)
BOX 82	2001, Sept. 21-Oct. 12 (9 folders)
BOX 83	2001, Oct. 15-25 (8 folders)
BOX 84	2001, Oct. 25-Nov. 6 (10 folders)
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DF	2001, Nov. 22-25, "A Voyage of Discovery: Cholera, Climate and Complexity" (presentation) Digital ID: mss85361_197_013
BOX 87	2001, Dec. 3-14 (10 folders)
BOX 88	2001, Dec. 16-2002, Jan. 24 (10 folders)
BOX 89	2002, Jan. 24-Feb. 11 (10 folders)
BOX 90	2002, Feb. 12-22 (9 folders)
BOX 91	2002, Feb. 23-Mar. 10 (11 folders)
BOX 92	2002, Mar. 11-26 (9 folders)
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BOX 95	2002, Apr. 28-May 14 (9 folders)
	2002, May 12-14
DF	"Report of the G8 Working Group on Science Education in Schools" Digital ID: mss85361_197_015
DF	Science and Engineering Indicators 2002, National Science Board Digital ID: mss85361_197_014
BOX 96	2002, May 12-17 (7 folders)
BOX 97	2002, May 19-31 (10 folders)
BOX 98	2002, June 3-18 (11 folders)
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BOX 106	2002, Nov. 13-Dec. 3 (10 folders)
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DF	2003, Jan. 28, Research at Old Dominion University Digital ID: mss85361_197_016
BOX 109	2003, Jan. 28-Feb. 9 (8 folders)
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DF	2003, Feb. 12, Unesco in the Mountains of the World Digital ID: mss85361_197_017
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BOX 121	2003, July 29-Aug. 27 (13 folders)
DF	2003, Aug. 7, "Building Curricula to Strengthen the Nation's Scientific, Technological and Engineering Workforce" (presentation) Digital ID: mss85361_197_018
BOX 122	2003, Aug. 28-Sept. 24 (9 folders)
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BOX 130-151	Speaking Engagements and Personal Appearances, 2000-2004 This subseries documents speeches, interviews, remarks, panels, keynote addresses, house budget committee hearings, congressional science committee hearings, roundtables, ceremonies, groundbreakings, and budget requests, mostly between 2000 and 2004. Subjects include science at the turn of the twentieth century, research and development initiatives, climate change, biocomplexity, and the underrepresentation of women and people of color in science careers. Some speeches focus on the National Science Foundation's fiftieth anniversary in 2000, reflecting on the establishment of the agency

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and its role in shaping United States science policy. In many cases this subseries duplicates or supplements materials present within the [Meeting and Travel Files](#) subseries.

Material types include speeches, talking points, calendars, agendas, and correspondence.

Videos and some presentations are in digital formats.

Arranged chronologically by date of speech or personal appearance. The file structure of the digital content maintained as received.

BOX 130	2000, Jan. 14-Feb. 22 (12 folders)
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BOX 133	2000, Apr. 19-May 25 (12 folders)
BOX 134	2000, May 23-June 24 (7 folders)
BOX 135	2000, June 27-Sept. 24 (16 folders)
BOX 136	2000, Sept. 22-Nov. 13 (13 folders)
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BOX 151	2004, Mar. 20-Sept. (2 folders)
BOX 151-173	Correspondence, 1998-2004 The Correspondence subseries mostly features outgoing correspondence from Colwell and her office related to official business of the National Science Foundation. Topics include action items, approvals from the director, and responses to questions regarding agency activities, budget issues, policies, programs, and grants. Correspondents include heads of other government organizations, administrators at academic institutions, and members of the United States Congress. The subseries also comprises thank you letters, staff memoranda, service awards, recommendation letters, and various attachments. Most of the correspondence is arranged chronologically, with some invitations arranged alphabetically as either “accepted” or “declined.” In keeping with the original order of the materials, incoming and outgoing letters are often grouped together and filed according to the date of the most recent letter. There is very little incoming correspondence. Material types include letters, memoranda, invitations, and email printouts, and attachments including reports, plans, agreements, and press releases. Arranged alphabetically by type.
BOX 151	Chronological file, 1998
BOX 151	Chronological file, 1999, Jan. 4-Feb. 26 (4 folders)
BOX 152	Chronological file, 1999, Mar. 1-Apr. 30 (6 folders)
BOX 153	Chronological file, 1999, May 3-July 30 (6 folders)
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BOX 156	Chronological file, 2000, Jan. 3-Apr. 28 (6 folders)
BOX 157	Chronological file, 2000, May 1-July 19 (6 folders)
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BOX 163	Chronological file, 2001, Oct. 1-2002, Jan. 21 (7 folders)
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BOX 165	Chronological file, 2002, Apr. 1-June 9 (6 folders)
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BOX 173	Miscellany, 2004
DF	“Space Program for the Barrow Global Climate Change Research Facility,” draft, 2004, July 30 Digital ID: mss85361_197_019
BOX 173	All Species Foundation, 2000-2001
BOX 173	Assistant director meetings, 1999-2004 (4 folders)
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BOX 174	Biological Sciences directorate (BIO)
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BOX 176	Discussions with the Office of Management and Budget, 2000

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Academic and Scientific Career Files, 1931-2004

The Academic and Scientific Career Files series documents Colwell's contributions to the scientific community in research, education, and development of science policy in the areas of marine biotechnology, microbial ecology, and microbial systematics, mostly between 1970 and 2003. The series features writings, speeches, grant files, correspondence, and an expansive subject file focusing on her research on marine and estuarine microorganisms, interactions between microorganisms and their environment, and cholera and species of bacteria. The series also documents her role as an administrator at the University of Maryland, primarily as founding president of the Maryland Biotechnology Institute. Some files related to Colwell's role as a researcher can also be found within the [National Science Foundation Director Files](#) series including files related to the International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), American Society for Microbiology, and International Union of Microbiological Societies. This series does not contain many files on her role as president of the American Society for Microbiology, as a member of the National Science Board from 1984 to 1990, or any files related to her career after 2004.

Arranged into four subseries.

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Speeches and Writings, 1968-1999

The Speeches and Writings subseries comprises files related to articles, reports, speeches, books, and chapters of books written by or edited by Colwell. In addition to the final published and unpublished writings, the files contain drafts, working files, and other background material. The bulk of the writings span from 1974 to 1994. No writings after 1999 are represented in the subseries. Topics include marine biotechnology, *Vibrio cholerae* and other *Vibrio* species, marine and estuarine microorganisms, the effect of bacteria on marine life, and interactions between microorganisms and their environment, especially in relation to petroleum and other pollutants. Much of the research relates to studies conducted in Bangladesh and the Chesapeake Bay. Speech files include American Society for Microbiology conferences and presentations, congressional hearings, and plenary addresses. Reports and articles often include research conducted as part of grant-funded projects located in the [Grants, Proposals, and Contracts](#) subseries. Additional writings and speeches are also in the proceedings, symposia, and conferences files in the [Subject File](#) subseries.

Material types include articles, abstracts, bibliographies, charts, graphs, reviews, correspondence, outlines, reports, agreements, and speeches. Some textual materials are in digital formats.

Arranged alphabetically by material type and thereunder either chronologically or alphabetically by title. The file structure of the digital content maintained as received.

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BOX 233	<i>Endangered Culture Collections: Proceedings of the First and Second International Symposia</i> (1992), 1992
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