

## Research Centers and Services Directory

### FILE DESCRIPTION

The **Research Centers and Services Directory** is a comprehensive source of detailed information on over 37,000 organizations conducting research worldwide. It corresponds to the print *Research Centers Directory* family of publications: *Research Centers Directory*, which covers over 15,900 university-based and other nonprofit research facilities in the U.S. and Canada; *International Research Centers Directory*, which covers over 13,160 non-U.S. research organizations in approximately 160 countries; *Government Research Directory*, which covers more than 8,000 research units of the U.S. and Canadian federal governments. The Research Centers and Services Directory database provides full contact information and descriptions of university, independent nonprofit, government, and commercial research and development centers, institutes, laboratories, bureaus, test facilities, experiment stations, research parks, foundations, councils, and other organizations that support and conduct research worldwide.

### SUBJECT COVERAGE

Research units in nearly every field of research activity are described. Organizations from *Research Centers Directory* are grouped into the following general categories (numbers refer to corresponding section heading codes):

- Agricultural, Food, and Veterinary Sciences (01)
- Astronomy and Space Sciences (04)
- Behavioral and Social Sciences (12)
- Biological and Environmental Sciences (02)
- Business and Economics (08)
- Computers and Mathematics (05)
- Education (13)
- Engineering and Technology (06)
- Government and Public Affairs (09)
- Humanities and Religion (14)
- Law (11)
- Labor and Industrial Relations (10)
- Medical and Health Sciences (03)
- Multidisciplinary Programs (16)
- Physical and Earth Sciences (07)
- Regional and Area Studies (15)
- Research Coordinating Offices and Research Parks

(17)

### TIPS

#### USE FILE 115

to identify worldwide organizations conducting research or providing research services.

#### USE /AB,DE

to search for specific areas of research:

S ROBOT?/AB,DE

#### USE SH=

to narrow searches to categories:

S SH=07

#### USE LIMIT

to restrict to a particular subfile:

S ENERGY/GRD

### DIALOG FILE DATA

Inclusive Dates:

Current file corresponds to this year's print edition of the directory

Update Frequency: Annual Reload

File Size: 37,134 Organizations as of June 2009

### CONTACT

The Government Research Directory, International Research Centers Directory, Research Centers Directory, and New Research Centers are compiled by Gale, a part of Cengage Learning. Questions regarding Electronic Search Assistance should be directed to:

Gale, a part of Cengage Learning

Electronic Search Assistance

27500 Drake Road

Farmington Hills, MI 48331-3535

Phone: 1-800-877-4253, press 5 (USA & Canada)

E-Mail: [gale.contentQA@cengage.com](mailto:gale.contentQA@cengage.com)

Questions regarding Technical Support should be directed to:

Gale, a part of Cengage Learning

Technical Support

27500 Drake Road

Farmington Hills, MI 48331-3535

Phone: 1-800-877-4253, press 4

Fax: 800-676-2345

E-Mail: [gale.technicalsupport@cengage.com](mailto:gale.technicalsupport@cengage.com)

## SAMPLE RECORD

DIALOG(R)File 115:Research Centers & Services  
(c) 2002 The Gale Group. All rts. reserv.

09998446 DIALOG File 115: RESEARCH CENTERS AND SERVICES DIRECTORY  
SO= Source Book: Research Centers Directory RCD  
Internal No.: 1004015600

/CO,CO=,/ON,ON=  
Montana State University-Bozeman  
Center for Biofilm Engineering  
409 Cobleigh Hall PO Box 173980  
Bozeman, MT 59717-3980 USA  
Dr. Bill Costerton, Dir.

CY=,ST=,ZP=  
/NM,NM=,OF=  
Phone: (406)994-4770  
Fax: (406)994-6098  
E-mail: alma\_w@erc.montana.edu bill\_c@erc.montana.edu  
URL: http://www.erc.montana.edu

FORMER NAME(S): Center for Interfacial Microbial Process Engineering

FY=,/OC,/AB  
ORGANIZATION/COMPANY DESCRIPTION  
FOUNDED: 1983. DESCRIPTION: Research activity of the College of Engineering at Montana State University-Bozeman, designated as a National Science Foundation Engineering Research Center. RESEARCH BUDGET: US\$4,000,000. REVENUES: US\$4,000,000. STAFF: 30 Research, 45 Graduate, 6 Other, 25 Undergraduate. FINANCIAL SUPPORT: Parent institution, industry, U.S. government. FORMER NAME(S): Center for Interfacial Microbial Process Engineering (1993).

/RD  
RESEARCH ACTIVITIES/RESEARCH DESCRIPTION  
RESEARCH: Biofilm engineering, environmental biotechnology, bioremediation, water and waste treatment, and biofilm control. Activities encompass the areas of microbiology; computer science; chemistry; physics; statistics; soil science; and chemical, electrical, and environmental engineering. RESOURCES: Confocal Laser Microscopy; Video Image Analysis.

/PB  
PUBLICATIONS AND SERVICES  
PUBLICATIONS: Technical Reports. EDUCATIONAL ACTIVITIES: Outreach and educational programs, including seminars and faculty exchanges; Graduate research assistantships. SERVICES: Operates an industrial associates program. LIBRARIAN: Diane Williams; E-MAIL: diane\_w@erc.montana.edu.

AFFILIATED GOVERNMENT AGENCIES  
Independent Agencies, National Science Foundation, Directorate for Engineering, NSF-Sponsored Engineering Research Centers

ADDITIONAL CONTACT INFORMATION  
INFO. OFFICER: Alma Weightman. TECH. TRANSFER OFFICER: Nick Zelter, Coord., Industrial Devel. PERSONNEL: Phil Stewart; Anne Camper; Zbigniew Lewandowski.

/SH, SH=  
/DE  
SECTION HEADING: Biological and Environmental Sciences (02)  
DESCRIPTORS: Microbial ecology; Bioremediation; Chemical reactions; Separation (Technology); Biotechnology; Industrial microbiology

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S DATA(W)COLLECTION?
/AB	AB	Abstract <sup>1</sup>	Word	S ENGINEERING(W)RESEARCH/AB
/CO	CO	Organization Name <sup>2,3</sup>	Word	S MONTANA(W)STATE/CO
/DE	DE	Descriptor <sup>4</sup>	Word & Phrase	S MICROBIAL(W)ECOLOGY/DE S INDUSTRIAL MICROBIOLOGY/DE
/NM	NM	Director or Officer Name <sup>3,5</sup>	Word	S PAUL(1N)HOULIHAN/NM
/OC	OC	Organization/Company Description <sup>2</sup>	Word	S MONTANA(W)STATE/OC
/ON	ON	Organization Name <sup>2,3</sup>	Word	S MONTANA(W)STATE/ON
/PB	PB	Publications and Services	Word	S TECHNICAL(W)REPORT?/PB
/RD	RD	Research Activities/Research Description	Word	S BIOFILM(W)ENGINEERING/RD
/SH	SH	Section Heading <sup>6</sup>	Word & Phrase	S BIOLOGICAL/SH S PHYSICAL AND EARTH/SH

<sup>1</sup> Abstracts may include Organization/Company Description, Research Activities/Research Description, Special Resources, and Publications and Services.

<sup>2</sup> Organization Names may include Institution Name, Research Center Name, Research Center Acronym, or Former or Alternate Name.

<sup>3</sup> Searchable in the Basic Index and in the Additional Indexes.

<sup>4</sup> Also /DF.

<sup>5</sup> Use (1N) when searching for Director or Officer Name in the Basic Index.

<sup>6</sup> Searchable only in Research Centers Directory and GOVERNMENT RESEARCH DIRECTORY.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AD	Address Information		
—	AN	DIALOG Accession Number		
—	AN	Gale Book Entry Number		
CN=	CN	Country	Phrase	S CN=USA
CO=	CO	Organization Name <sup>2,3</sup>	Phrase	S CO=MONTANA STATE UNIVERSITY?
—	CT	Additional Contact Information		
CY=	CY	City	Phrase	S CY=BOZEMAN
—	EA	Electronic Address		
FS=	FS	Source Book	Phrase	S FS=RESEARCH CENTERS DIRECTORY
—	FX	Fax Number		
FY=	FY	Founding Year	Phrase	S FY=1983
NM=	NM	Director or Officer Name <sup>3</sup>	Phrase	S NM=COSTERTON, BILL?
OF=	OF	Director or Officer Name <sup>3</sup>	Phrase	S OF=COSTERTON, BILL?
ON=	ON	Organization Name <sup>2,3</sup>	Phrase	S ON=MONTANA STATE?
PB=	PB	Publications	Phrase	S PB=TECHNICAL REPORT?
—	SB	Subsidiaries/Affiliates		
SH=	SH	Section Heading Code	Phrase	S SH=02
ST=	ST	State/Province/Territory	Phrase	S ST=MT
TE=	TE	Telephone Area Code	Phrase	S TE=406
—	TX	Telex Number		
ZP=	ZP	Zip Code or Postal Code	Phrase	S ZP=59717?

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK online.

<b>LIMIT</b>	/GRD -- Government Research Directory /IRCD -- International Research Centers Directory /RCD -- Research Centers Directory	S S1/GRD S S3/IRCD S S2/RCD
<b>SORT</b>	CN, CO, CY, FY, ON, SH, ST, ZP	SORT S13/ALL/ON/ST PRINT S5/5/1-24/ZP
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE	RANK AU S3

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Organization Name, Director or Officer Name and Title, Address, Telephone Number, Fax Number, Telex Number, and Additional Contact Information
3	Medium	Organization Name, Director or Officer Name and Title, Address, and Telephone Number
5	--	Full Record
6	--	Organization Name
7	Long	Organization Name, Organization/Company Description, Research Activities/Research Description, Special Resources, Publications and Services, additional Contact Information, and Notes

**PREDEFINED FORMAT OPTIONS (cont'd)**

NO.	DIALOGWEB FORMAT	RECORD CONTENT
8	--	Organization Name, Section Heading and Code, and Descriptors
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

**OTHER OUTPUT OPTIONS**

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

<b>USER DEFINED FORMATS</b>	User-defined formats may be specified using the display codes indicated in the Search Options tables.	TYPE S3/ON,TE/1-5
<b>TAG</b>	TAG may be used for tagged fields.	TYPE S2/3/1-5 TAG
<b>DIRECT RECORD ACCESS</b>	DIALOG Accession Number	TYPE 09999917/5 DISPLAY 07999695/ON,ST PRINT 06999548/5

**FOR ONLINE HELP:**

See HELP FIELDS 115 for searchable fields; HELP FORMAT 115 for output formats; HELP LIMIT 115 for limits; HELP RATES 115 for cost information; HELP SORT 115 for sorts.