

Summary of NASA Code UG Research Projects for FY 2003

Discipline	Subdiscipline	Ground	Flight	Transitional	Interdisciplinary	ATD	Total
Biotechnology							158
	Cellular Biotechnology & Tissue Engineering	38	1	6			45
	Protein Crystal Growth	7	3	1			11
	Bio-Nanotechnology	3			1		4
	BITR	1					1
	Biomolecular Physics and Chemistry	10	1		10	1	22
	Microbial Biotechnology	2					2
	Structural Biology	22	6	10		1	39
	Other	30	1	1	1	1	34
Combustion							86
	Droplets, Sprays, Particles, Dust Clouds, Nanoparticles	14	5				19
	Gaseous Diffusion Flames	29	4	2			35
	Premixed Gaseous Flames	5	2				7
	Surface Combustion, SHS, Fire Safety and Smoldering	14	10	1			25
Fluid Physics							138
	Biofluids	1					1
	Cell Science	1					1
	Colloid Science	1	3				4
	Complex Fluids	30	4	1			35
	Droplet Motion						0
	Dynamics and Stability	22	5				27
	Electrophoresis						0
	Fluid Transport Phenomena	3					3
	Granular Flows	13	3				16
	Gravitational		1				1
	Interfacial Phenomena	16	5	2			23
	Liquid Crystals						0
	Mail Reviews						0
	Microparticles						0
	Multiphase Flow and Heat Transfer	22	4	1			27
	Separation Science	1					1
Fundamental Physics							71
	Biological Physics	5		1			6
	Critical Point Phenomena						0
	Gravitational & Relativistic Physics	7	2				9
	Laser Cooled Atomic Physics	17	3				20
	Low Temperature Condensed Matter Physics	27	5	1			33
	Low Temperature Physics	2	1				3
Materials Science							127

BasicsofSolidification	21	7	1			29
ElectronicMaterials	23	3				26
GlassesandCeramics	14	3				17
InSituResourceUtilization	3					3
MailReviews	1					1
MetalsandAlloys	12	4	1			17
Polymers	13	3				16
RadiationShielding	18					18
Other						0

Summary of NASA Code UG Research Projects for FY2002

Discipline	Sub discipline	Ground	Flight	Transitional	Other	Total
Biotechnology						0
	ular Biot Micr obial					
	Physi cal Scie nces, Sepa ratio n and Purifi catio n Cell Scie nce					

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Combustion					0
Drop lets, Spra ys, Parti cles, Dust Clou ds, Nan opar ticle s Gas eous Diffu sion Fla mes					

Pre mixe d Gas eous Fla mes					
Surf ace Com busti on, SHS , Fire Safe ty and Smo lder ing					
FluidPhysics					0
Cell Scie nce					

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Granular
Flows
Gravitational

Interfacial
Phenomena
Liquid
Crystals
Mail
Reviews

Micro
particles
Multiphase
Flow
and
Heat
Transfer

Sepa ratio n Scie nce Biofl uids					
FundamentalPhysics					0
Biolo gical Physi cs Critic al Point Phen ome na Gravi tatio n& Relat ivity Gravi tatio nal					

Gravitational & Relativistic Physics
Laser Cooled Atomic Physics
Low temperature Condensed Matter Physics

<p>Low Tem perat ure Physi cs</p> <p>Low Tem perat ure Physi cs- Tech nolo gy Relat ivity & Grqvi tatio n</p>						
MaterialsScience						
	<p>Basi cs of Solidi ficati on</p> <p>Elect ronic Mate rials</p>					0

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Other					
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