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From the USU Colleges (Agriculture, Science, Natural Resources, Engineering) Targeted by Advance

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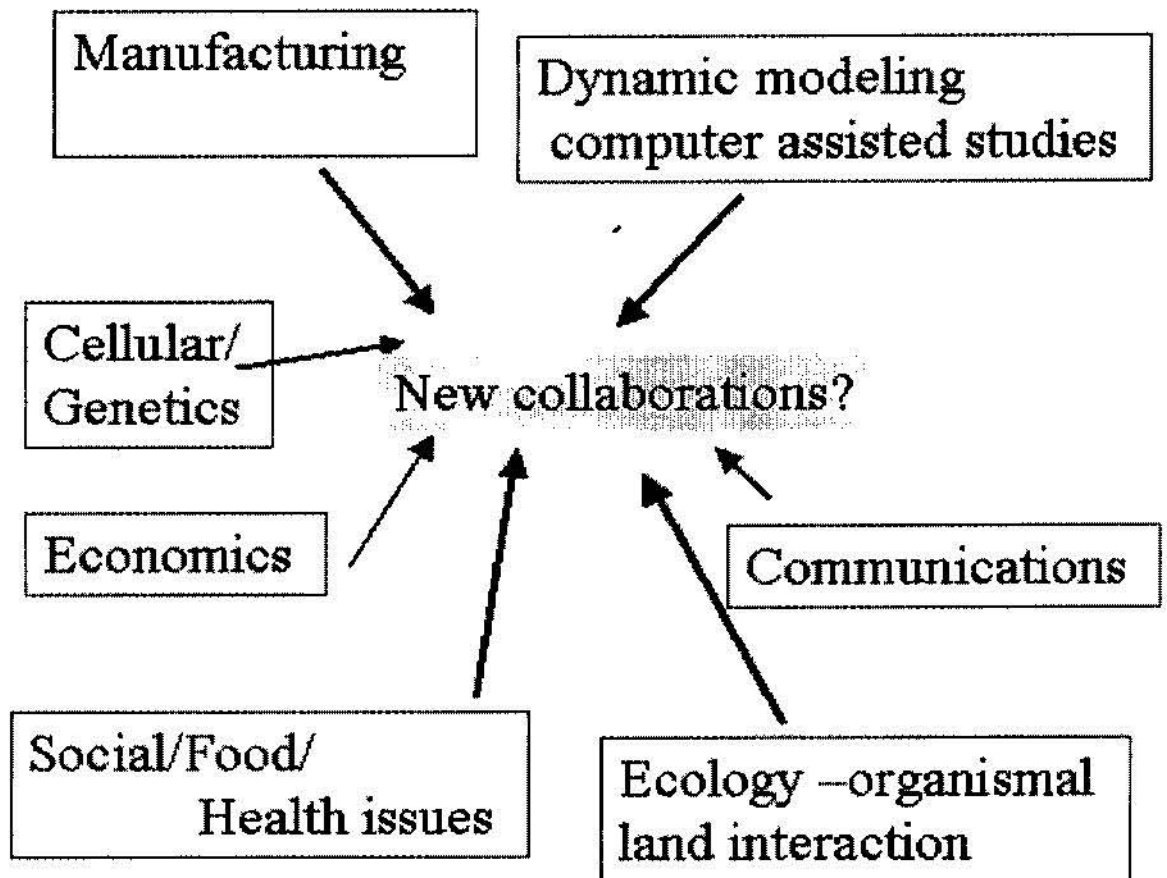
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From the four main colleges
(Agriculture, Science,
Natural Resources, Engineering)
targeted by Advance



Research Foci

Manufacturing

F Ning	metals
B Smith	heat transfer/ fluids
L Li	superalloys/lasers/ welding

Dynamic modeling/ computer assisted studies

V Allen	modeling sociological concerns
E Stone	dynamic systems
A Bunker	verification analysis of programs
T Hauser	fluid dynamics/parallel computing
Y-Q Chen	dynamic systems models/robust control/fractional calculus
R Ryal	ecosystem conservation models
X Qi	image processing/ data mining

Ecology--Organismal (Fish. Insect Plant Animal)- land interaction

D Alston	entomology/integrated pest management
K Sullivan	behavioral ecology/ornithology/conservation
J Gervais	wild life ecology/conservation/ environmental risk assessment
T Pittsinger	insect behavior/bee management
P Budy	fish/watersheds
H VanMegro	nutrient cycling/ ecosystem function
A Anderson	bioremediation
R Ryel	plant physiology/ conservation
N Mcoy	invasive species
K Kopp	water conservation/ turfgrass/ nitrogen use
D Rosenberg	landscape -population ecology/
N Mesner	water quality/water shed/ nutrients
M Baker	water quality ecosystem/ biogeochemistry
D Roche	plant genetics/proteomics/plant physiology

Social/Food/Health issues

M Walsh	food products/food safety
H Wengren	diet/ populations/gene effects
V Allen	negotiation/ emotions/marital
R Shiplsova	trade/consumer demand/ food safety
P Silva	aerosol/ air pollution/ lasers
N Mesner	watershed pollution
L McNeil	drinking / water quality
J MacAdam	forages/plant physiology (growth/stress)
M Barkworth	plant systematics/GIS

Cellular/Genetics

I Nemere hormonal control/ signal transduction
A Anderson genes for microbial and plant interactions
C VonDohlen insect systematics/ evolution

Economics

R Shiptsova trade/ consumer demand
N McCoy natural resources

Communications

M Tomkins microwaves/communications/ electromagnetic
T Mosher imagery/small satellites