2005 ACM Greater NY Regional Programming Contest

Sponsored by IBM and AdaCore

1. 2005 Contest
2. 2006 Contest
3. Eligibility
4. New Rules
5. Purpose of the Contest
6. T-Shirts

1. 2005 Contest

New sponsor, AdaCore.

Run by former NYU coach Robert Dewar.

This is why registration fee didn't go up.

1. 2005 Contest, continued

New schools:

Fairleigh Dickinson University, Zong Chen

Princeton University, Miroslav Dudik

1. 2005 Contest, continued

Year	Teams	Schools	Denied	Sites
2005	59	25	0	1
2004	67	31	0	2
2003	65	28	7	1
2002	59	25	5	1
2001	43	23	0	1
2000	41	22	0	1
1999	39	20	0	1
1998	31	19	0	1

2. 2006 Contest

- No date or location yet.
- Want to pick host & location ASAP.
- NYC Marathon is Sunday, November 5, 2006.
- Fee: May increase guest fee to $30 next year.

3. Eligibility

New eligibility rules, yet again.

Old rule was 5-4-2:
- Fewer than 5 years since started undergrad
- Fewer than 4 Regional contests
- Fewer than 2 Final contests

3. Eligibility, continued

New rule is *Basic Requirements* plus *Eligibility Check.*

Basic Requirements:

- Enrolled with half-time load or co-op / exchange / internship
- Fewer than 4 Regional contests
- Fewer than 2 Final contests

3. Eligibility, continued

Eligibility Check:
- First began undergrad in 2001 or later; <u>or</u>
- Born in 1982 or later; <u>or</u>
- Has not completed 8 semesters of full-time study

Dates will be incremented next year.

Note: No mention of undergrad vs graduate student.

3. Eligibility, continued

Exceptions:

- compulsory military or civilian service
- severe illness
- other personal issues

Email me, I will forward to the committee.

3. Eligibility, continued

However, I will not turn away an interested student.

They may compete in Regional contest, so long as they don't prevent an eligibile team from competing.

Entire team cannot advance to Finals, cannot win prizes.

4. New Rules

At Regionals:
- Must fully register teams by Regional contest.
- No reserves.

At Finals:
- No substitutions, no exceptions.
- No books allowed. 25 pages of notes.

4. New Rules, continued

Note that Regional contest allows any hard-copy materials, including books and code printouts.

Absolutely no media or anything electronic.

5. Purpose of the Contest

1. Choose team(s) to advance to Finals

2. Everyone has enjoyable and educational experience

Seems to me that 1 is easy, 2 is hard.

5. Purpose of the Contest, continued

Three changes:

1. Treatment of Problem A

2. Cash prizes

3. Students who insist submission is correct

5. Purpose of the Contest, continued

Problem A

- After 1 hour, judges provide more helpful feedback for incorrect submissions.

- After 2 hours, publish judges' input.

Goal is to allow all teams to solve at least one problem, while not affecting the top teams who are in contention for Finals.

5. Purpose of the Contest, continued

Want to reward teams that do well, but have no realistic chance of winning.

- **S1** is teams of Freshmen and Sophomores
- **S2** is all other eligible teams
- **S0** is all ineligible teams

Give cash prize to top team(s) in S1.

Teams in S0 cannot win prizes, cannot advance to Finals.

5. Purpose of the Contest, continued

How to handle students who insist their code is correct?

- We have never discovered, after contest concluded, that a submission marked incorrect was actually correct.

- Needs to be some barrier to every team challenging every problem.

6. T-Shirts

- Looking for new design.
- Email me.

Questions or Comments?

North American Regions in 2005

Region	Teams	Schools	Sites
South Central	58	30	3
Rocky Mountain	59	22	4
GNY	59	25	1
Southeast	61	24	1
So.Cal.	66	25	1
Pacific NW	76	34	4
Northeast	76	48	6
East Central	113	65	4
Mid-Central	122	64	10
Mid Atlantic	153	76	9
North Central	182	68	16

As of Wednesday November 16.

We are the only contest after that date.

North American Regions in 2004

Region	Teams	Schools	Sites	Slots
So.Cal.	62	22	1	2
Southeast	63	26	1	2
Rocky Mountain	64	25	4	2
GNY	67	31	2	2
Northeast	69	42	6	2
South Central	75	38	1	2
Pacific NW	80	36	3	2
Mid-Central	111	60	10	2
East Central	131	71	4	3
Mid Atlantic	156	73	9	3
North Central	187	71	16	3

North America had 25 of 78 slots.

North American Regions

Region	2005		2004			2003		
	Sc	Te	Sc	Te	Sl	Sc	Te	Sl
So.Cal.	25	66	22	62	2	20	59	1
GNY	25	59	31	67	2	28	65	1
Rocky Mountain	22	59	25	64	2	29	89	2
Pacific NW	34	76	36	80	2	34	82	2
Southeast	24	61	26	63	2	38	84	2
South Central	30	58	38	75	2	40	79	2
Northeast	48	76	42	69	2	41	66	2
Mid-Central	64	122	60	111	2	54	107	3
East Central	65	113	71	131	3	70	127	3
North Central	68	182	71	187	3	70	177	3
Mid Atlantic	76	153	73	156	3	73	161	4

North American Regions, cont.

Three things to note:

- From 2003 to 2004, two regions lost a slot, two regions gained.

- Hurricane Katrina's effect on South Central region.

- Hurricane Ivan's effect on Southest region.

North American Regions, cont.

What can we do to keep getting a second slot?

More schools.

North American Regions in 2003

Region	Teams	Schools	Sites	Slots
So.Cal.	59	20	1	1
GNY	65	28	1	1
Northeast	66	41	5	2
South Central	79	40	1	2
Pacific NW	82	34	3	2
Southeast	84	38	1	2
Rocky Mountain	89	29	6	2
Mid-Central	107	54	10	3
East Central	127	70	4	3
Mid Atlantic	161	73	9	4
North Central	177	70	17	3

North America had 25 of 75 slots.

North American Regions in 2002

Region	Teams	Schools	Sites	Slots
So.Cal.	56	23	1	2
Northeast	58	37	5	2
GNY	59	25	1	1
Rocky Mountain	71	26	5	2
South Central	74	35	1	2
Pacific NW	78	32	2	2
Southeast	81	42	1	2
Mid-Central	108	61	9	3
East Central	132	71	4	3
Mid Atlantic	146	70	8	4
North Central	156	65	16	3

North America had 26 of 64 slots.