SDI alternatives debated at forum

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race, according to Yonas. SDI can achieve these goals, he said, because the changes in offense that the Soviets would need to make to overcome an SDI defense might be too difficult or expensive.

Predictions of SDI's impossibility are premature, Yonas said. His office aims to "carry out a research program...as a basis for a decision in the early 1990s."

There are so many possible components of a SDI system that the program is not worthwhile, Gar- win claimed. A variety of countermoves that offensive missiles could use to "destroy, survive or overwhelm" the defense are feasible.

For example, he said, Intercontinental Ballistic Missiles could jive their fame in the boost phase so they could not be tracked as easily, be protected from the damaging heat of entry by shrouds or cooling, or hide from defensive sensors with screens or decoys.

In a question-and-answer period following the discussion, Yonas offered Garwin's arguments as unrealistic. "We're finding a lot of these things, but we're developing cartoon countermoves are very hard to engineer.

SDI impedes arms control, Garwin also said. Any defense will be imperfect, so we must recognize that we are going to be still living on deterrence through retaliation for a long time.

"The conflict of the 21st century weapon on each side, much fewer than the current stockpiles, are required for deterrence, Garwin continued. But SDI has made deterrence more difficult to level, he said.

Despite SDI's flaws, Garwin conceded research at the rate of $1.5 billion per year to keep up with the Soviets, but he doubted whether the President's dream [of perfect defense] is feasible.

Research on intercepting and destroying ballistic missiles has been given some weapons, any Arye's Nike Zeus and Nike X programs. The early defense is in place, Garwin said.

"Research and development were formerly in the Soviet Union and the United States," although Safeguard was phased out and Star Wars discussions curtailed by the rears, Flax said. There has been less research on coun-

termoves because the treaty re- 
deals with an emphasis on offense, he noted.

"The issues of the current debate [over SDI] don't differ in many particulars" from debates over the ABM systems, Flax concluded, citing the question of whether new technology would improve the "cost exchange ratio" -- the relative costs of off- 

ence and defense.

Another important question, Flax added, is whether any ballistic missile defense could over- 

come the "offense-dominated" nature of the current doctrine of mutually assured destruction (MAD). MAD is based upon the belief that nuclear war is fo- 

scalled by each side's knowledge that the other can retaliate de- 

cisively to a first strike.

Some say "Star Wars" would defeat attacks by many nations certain of success, but others would find a way to maneuverage to 

attempts to defeat it with even greater offensive strength, he ex- 

plained.

Garwin also said. A variety of coun-

termeasures to SDI that the 

Soviets could use are feasible. 

The United States feared that 

any such defense might not be effective, he said, because the National missile defense system was designed to be effective, and the Technical Innovation and Decision market (TIDM) earlier in the year, said the United States feared that the Soviet Union might be working on an SDI system that this technology developed, Flax said. Research is still under the Sentinel and Safeguard programs until the signing of the 1972 ABM treaty, he said.

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Some questions disrupt peace forum

(Continued from page 1)

chairman of the student Disarma-

ment Study Group, asked the So-

viet Union (The United States and the Soviet Union) see each other, why we see each other the way we do.

Rastenko described the "hard sovi-Soviet" attitude of some Americans. He mentioned the American military action in Grenada two years ago.

At this point, several audience members asked to their feet, biding that the Grenada inva-

sion was welcomed by the island's people, and condemning the So- 

viets' invasion of Afghanistan.

Rastenko warned the crowd that anyone who shouted out would be asked to leave.

The discussion continued with Paul Josephson Jr., a student of the history of science who opens eight months in the Soviet Union. The Soviets so study America more than Americans study the USSR, he said, adding that "better exchanges" are need-

ed to counter the lack of under-

standing.

The Student Council is not the only Soviet student organization, Zhuravlyov said. There are over 20 groups advocating peace at Moscow University. Their slogans include "disarmament from both sides" and "no to SDI from both sides," he added.

The peace movement originat-

ed the idea of "nuclear-free zones" in central Europe, he contin-

ued. This later became official Soviet policy. Zhuravlyov ex-

 pressed the wish that the "rest of the agenda" would also become policy.

Questions from the audience followed the discussion. Many questioners implied that the So- 

viet speakers were hypocritical. If the Soviet Union wanted more communication, one asked, why

Over 103 registered dancers collected more than $60000 for the Muscular Dystrophy Association during the Dance Marathon held in Walker Memorial Saturday. Laurenco Cangahala '87 and Megan Smith '86 were the two top money-collectors. Nu Delta and The Thalians co-sponsored the event.

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