

# PFDS



# FLYER

## PITTSBURGH FLYING DISC SOCIETY WINTER 1989

### PA STATE CHAMPIONSHIPS... AGAIN!

In a ceremony honoring the late Pryor Hendrix and the individual winners of Disc Golf, Freestyle, MTA, Distance, and Accuracy, Tim Kady and Susanne Giendl were crowned the Overall winners of the 1989 Pennsylvania Flying Disc Championships.

Eighty-two disc athletes from Michigan, Ohio, New York, Virginia, Delaware, California, Austria, Canada, and of course, Pennsylvania registered for the two-day event held in conjunction with the centennial of Pittsburgh's Schenley Park.

The competition marked the first Keystone State championships since 1982. However, the history of the event stretches back to 1967 when Dan Roddick won the two events, Distance and Eastern Trick Catch (forerunner to freestyle) of the Pennsylvania State Frisbee Championships at Millersville State College. State championships were also held in Philadelphia and State College in the 1970's and early 1980's.

The rebirth of the competition was hosted by PFDS and Citiparks, and co-sponsored by radio station Magic-97. Prizes and the player package were provided by Innova-Champion and Drastech (maker of the Flazer) disc manufacturers, Disc Sports Magazine, Gary Sports Center, Dunham's Sporting Goods, Coors Beer, and Eat'nPark restaurant. The University Center Holiday Inn provided the accommodations.

A total of \$1305 in prize money was awarded to the top third competitors in Disc Golf and Freestyle. Steve Kohman was the big money winner as he captured the Open division of the PDGA-sanctioned Disc Golf championship with a 27-under par for the four rounds. Philadelphia's Joe Mela was second at -21, and Tim Kady was third at -17.

The competition was very close until the fourth and final round when Kohman

smoked a 47, the only sub-50 round shot on the longer, more challenging Schenley layout used during the final two rounds. Tees or baskets were moved back on all but two of the holes increasing the length of the course to nearly 5000 feet and requiring more precise tee and approach shots, and some times luck.

Keith Clark won the Master title by a stroke over Skeeter Hoffman and three strokes over California's Bob Verish in a see-saw battle that wasn't decided until the next to the last hole. Clark was down by four strokes at the start of Round 4 and down by 6 after double bogeying "Huck and Hope" #9 which was played from an extended tee with a mandatory fairway. Hoffman also met the Boogeyman, taking 4's on #14, 1, and 2, and a 5 on 15 to finish with a six over 60. Clark charged back and birdied #16, #2 and #4 to win.

In the Amateur tournament, Mike Soo won the Men's Advanced division title by fourteen strokes with a four under par total 208. Ed Noble, from Stuebenville OH, finished second at 222. Mark Licata finished third at 234.

Lynn Giroux won the Women's Ad-

Continued on page 5

### DROPCHO IS NATIONAL AMATEUR DISC GOLF CHAMPION

By Michael J. Novara

Two local amateur disc golfers were top finishers in the first National Amateur Disc Golf Championship held on July 14-16, in Laurel Springs, North Carolina.

Playing in the Advanced Amateur division, J. Gary Dropcho headed a field of 90 of the best amateur players from over twenty states and three countries to become the reigning national amateur disc golfer champion.

Lynn Giroux placed second in the Women's Amateur division to become the second ranked amateur Disc Golfer for her class. A third local player, Michael Novara, finished 28th out of 49 in a tightly packed Men's Amateur division.

The invitational tournament was held on the Boylan Family Farms Disc Golf course in the spectacular Blue Ridge Mountains. Amidst a Christmas tree farm, the course is 7,000 feet long, with most holes over 400 feet; one hole measures a whopping 692 feet. To put this into perspective, our Schenley Park course is 3,959 feet with no hole exceeding 300 feet aside from Hole 2 (450 feet).

Mountainous topography presented another challenge. Players had to deal with steep approaches, ravines, numerous creeks, Christmas trees of all sizes, and a rough ranging from fields of knee-high grass to jungles of reed-like plants over six feet tall.

Dropcho exhibited smooth driving and precise putting on his march to victory. His initial round of 62 placed him in a tie for third, three strokes off the lead. He narrowed the gap to two with a second-round score of 61. It was the third round, however, that established Dropcho as the one to beat. Playing in the lead group, Dropcho shot a masterful 55, a new amateur course record, only two strokes off the

Continued on page 5



## SOCIETY PAGE

As we stand on the threshold of the next decade, it seems appropriate to look forward to the 90's as the Decade of the Disc. The growth in popularity of flying disc play over the past thirty years tells us that the next ten can be the period when disc sports go big time.

According to the program for the 1989 World Jr. Frisbee disc Championships, virtually 100 percent of the United States population has heard of the Frisbee disc, and nearly 90 percent of those people have played with a flying disc. But the disc has become more than a toy: more than 1000 teams now compete at the college and club level in Ultimate; there are more than 500 disc golf courses in the U.S.; and more than one third of American schools use flying discs as part of their physical education programs. And the list is growing.

PFDS will continue to push this development by working with schools to run Jr. Contests and sponsor Ultimate teams; by getting new Disc golf courses installed; by promoting recreational and competitive leagues and tournaments; by publishing this newsletter; and by having FUN doing all these things.

Here's how you can "get with the program" for the next decade: volunteer your time to coach a Jr. Contest or Ultimate club in a school, work on promoting the PA Flying Disc Championships or other tournament, write an article for the or just come out and play in the monthly PFDS Disc Golf tournaments at Schenley Park.

The first thing you should do though, is re-up your subscription to this newsletter. Your mailing label indicates when you will be dropped from the list. Over the past two year we have kept everyone on our mailing list that now numbers close to 800. However, annual newsletter production costs of over \$1000 no longer allow us to send this to you gratis. Five bucks will keep the PFDS spinning your way for 1990.

Fill out the address coupon and send it with a check to PFDS now. Please. And thanks to the 125 who have already subscribed.

Thanks are also given to those who have contributed articles to the production of this newsletter. Special thanks to Teri Breier who helped edit the newsletter. Teri is now living in Southern California and probably out playing golf in 80 degree weather while I look out the window and see snow on the ground. Look here for Teri's articles in future, and look for me on the golf course tomorrow. A little snow never stopped me from playing 18.

PFDS FLYER is a quarterly publication of the Pittsburgh Flying Disc Society. PFDS is a club of enthusiasts committed to the promotion of fun through flying disc sports and games.

Editor: J. Gary Dropcho

Copy Editor: Teri Breier

Contributors: Mike Martin, Steve Neumann, Steve Kohman, Todd Williams, Mark Licata, Mike Soo, Michael Novara, Ken Scott, Nancy McNamee

Art: Jumpin' Joe Enck, Eileen Beavers

Photos: Jeanette Hebel, J. Gary Dropcho, Michael Novara

Printing: First Impression Printing

We want your input. Send us your news releases, changes in schedule, copies of tournament results, advertisements, letters, articles, photos, cartoons, graphics and minis. We reserve the right to edit or reject all submissions.

Send to: 1818 Morrell Street PGH, PA, 15212. Deadline for the next issue is Jan 13.

## TAYLOR ALLDERDICE ULTIMATE HISTORY RECORDED

Dear Editors,

In your Summer 1989 issue you stated that "High School Ultimate in Pittsburgh has become a reality." I would like to set the record straight—it has been a reality for almost twenty years.

The history of the Taylor Allderdice Frisbee Club is long and varied. The origins of the club date back to 1969, but in 1972, the school newspaper carried several photos of the officially sanctioned club. The first sponsor was Richard Wells, a brilliant and eccentric teacher who taught the school's most advanced English courses. There was talk in a Foreword "frisbee football" team practicing on the school's sloped lawn after school. When I arrived at Allderdice in 1979, there was an ultimate team captained by Matt O'Riley, who also played for the Pitt Fastbacks. The first tournament game played by Allderdice came that fall at the Forbes and Brad-dock fields. Allderdice was created by CMU and Pitt but eked out a 16-15 victory over the Duquesne Iron Dukes.

Since there were few tournaments held in Pittsburgh, the club's activities were mostly confined to regular games Sunday afternoons at Mellon Park and throwing sessions each day after school. A good measure of the club's popularity can be seen in a yearbook picture—though taken in midwinter, the picture showed 75 to 100 people present in their Club T-shirts. High school frisbee reached a peak in 1982, when there was talk of forming a league among city schools. A proposal was turned down by the Board of Education because there were not enough (six were needed) teams, but at that time Baldwin (read: Lance Williams and Jim Parinella), Shadyside Academy, Peabody and Regent Square (led by the irrepressible, legendary, hammer-throwing Piccone brothers, Charlie and Lennie) fielded teams.

In 1983 and 1984, Allderdice competed in the High School Easterns in Washington DC. The first year a conglomer-

erate team of Baldwin, Regent Square and Allderdice finished a disappointing fifth, after dropping close games with Stuyvesant (NYC) and Annandale (DC) in a driving rain. The second year, an all-Allderdice team (with a few graduated ringers) was blanked on the first day but returned to go 2-1 on the second day.

Allderdice alumni have gone on to participate both in College and Club Nationals and have played for teams in every region in the country. Also, in the summer of 1983, Allderdice alums Andy Norman and Rich Kramer started the Squirrel Hill Swine, a summer league team composed of mostly Allderdice grads. A throw-less Sam Bellin was taught the game, and joined Erick Kauffman and Norman as integral parts of Pittsburgh's club and college teams. Another summer league team from Regent Square was formed in 1985 which also featured ex-Allderdice players, including the speedy and ever-dangerous Harry Alter.

Shortly after I graduated, the school's lawn was completely destroyed in a massive renovation. At the time, I feared that without the convenient field which attracted dozens for daily throwing sessions, Allderdice frisbee would fade. I am heartened by the fact that many carry on a great tradition of Pittsburgh High School Ultimate, both its own competitive league and a valuable training ground for future club and college players. The encouragement and education I received as a high schooler playing with the Steel City Slag helped me to make Club and College Nationals. I hope that today's Allderdice players can get the same help to be tomorrow's leaders in our sport.

Sincerely,

Richard A. Kramer

P.S. The newsletter and PFDS continue to look great!

*The writer was captain of Allderdice Frisbee in 1982-83, and went on to play for Graffiti and Columbia University at the past two Nationals after coaching Columbia in the 1988 College Nationals.*



*Throbber Dave Kweder goes hojo in summer league final against Swine*

## SWINE WINS SEVENTH SUMMER LEAGUE

By Mike Soo

The Pittsburgh Summer Ultimate League was a big success in '89 thanks to the leadership of league Commissioner Steve Neumann and the participation of over 150 players. We saw lots of new faces around the league this year and more women than ever before. Let's hope the trend continues!

We also saw the addition of two new teams to the league, offsetting the disbandment of the Sliders and Mobay. Fox Chapel, who have been playing together for years, joined the league and had many close games owing to their incredible hucking offense. The other expansion team, Raw Talent, was composed of some promising players from Taylor-Allerdice High school and four players from Mobay.

The level of play was excellent this year, and most of the games were close. The tournament seedings weren't decided until the end of the 16-game regular season. The final standings :

1. Swine	12-4
2. Throbbers	10-5
3. Girlie Girlie Men	9-7
4. Gnu Kidds	9-7
5. Wave Craze (Mr. Bob)	9-7
6. Raw Talent	8-8
7. Psychos	7-8
8. Fox Chapel	4-12
9. Regent Square	3-13

In the season-end tourney, held August 17th and 19th, teams played off in a single elimination format. Regent Square earned the 8th seed by beating Fox Chapel in the last game of the season. In the quarterfinals, the Swine and the Throbbers advanced as expected, but third-seeded Girlie Girlie Men lost to #6 Raw Talent, 15-11, and the fourth-seeded Gnu Kidds lost to a very talented Wave Craze, 15-11.

The Swine advanced to the finals by beating Wave Craze 17-12, breaking a six

year string of semifinal losses in the process. The Throbbers earned their sixth finals appearance with a victory over upset-minded Raw Talent in an 18-16 overtime semifinal.

The finals, held on Pie Traynor field in North Park, pitted the Throbbers' pressure zone against the Swine's hard running man-to-man D. Swine struck first, jumping out to a 2-0 lead. Throbbers evened the contest 2-2, and the teams traded goals to 8-8. The final goal of the first half was a long point with many turnovers. Swine ended the swill and went into halftime leading 9-8.

The Swine used their experienced crew to beat the zone with overheads, ten-yard passes up the middle, and plenty of dump-swings to keep things moving. The Throbber offense, led by the Williams brothers, used a deliberate and well-timed, hard-cutting offense. In the second half, the Swine came out snorting and, with the help of a couple of hucks by Fish that could have gone either way, scored five straight goals to extend their lead to 14-8. The Throbbers stopped the bleeding with a 4-1 run to make it 15-12, but they would get no closer. The Swine refused to fold and came away with a 17-13 victory and their first Summer League championship.

At the picnic that followed, a new and welcome tradition was started by Todd Williams who created and presented the Summer League awards. Nate Reading was named the Male Rookie of the Year, and Rachel Noble was named the Female Rookie of the Year. Sam Bellin was honored as League MVP and The Spirit of the Game award was given to Andy Norman.

Congratulations to the Swine, the individual meddle winners, and all of the participants who made this one of the best summer leagues ever.

## 1989 WORLD ULTIMATE CLUB CHAMPIONSHIPS - A SCAB'S VIEW

By Ralph Cramden

The World Club Championships were held July 24-30 in Köln, West Germany with several local athletes participating on the Yo Mama team from DC. Philmore, the combination Philadelphia/Baltimore team from our section, won the men's tourney in which 32 teams from the Europe, Canada, Japan, and the USA competed. The Lady Condors from Santa Barbara topped the 12 team women's bracket.

Although the best teams from the U.S.A. choose not to play (New York, South Bay, Boston, LA, Chicago) our country dominated play; finishing 1 thru 5 in the men's bracket and 1-2 in the women's. Overall it was a great opportunity for the Europeans to be exposed to the USA style of play and vice versa. The Europeans had a extremely disciplined offense with great disc skills, but would not lay out on D. The Japanese had a strange way of saying "disc up"; they would blair an air horn every time their opponent threw a pass. Who knows what would happen if they tried that against New York.

Probably the most interesting part of the tournament was the way it was managed. Only two games were played by each team per day. This allowed for optimum usage of the 16 fields: there was never a game on the same field two rounds in a row. No problem with time caps, and you could warm-up a solid hour before the first pull. Gore-Tex was everywhere, and the heavy sponsorship forced many games to be played on centre court surrounded by many billboards. Unfortunately this part of the site doubled as a overflow parking lot for the nearby sports complex. It was as hard as concrete since it hadn't rained for two weeks.

**Arm and Hammer  
ultimate team jersey  
available to PFDS  
members. Flex your  
biceps and throw it  
polish! Talk to  
Jumpin: 372-7926.**

## A PERSPECTIVE ON PLAYER CLASSIFICATIONS

The 1989 Amateur National Disc Golf Championships was a success because of the people who believe in the idea of promoting the sport through developing new disc golf players. Tournament Director Steve Lambert deserves the credit for envisioning and creating an event that new players can aspire to. The word from Steve is that there will be an Am Nationals in 1990, and that site and host bids are being solicited.

Controversy at the Am Nationals over players who had accepted prize money before the establishment and notification of amateur status requirements points out the need for the PDGA to adopt a classification system for players.

The Am Nationals also provided a forum for discussion and recommendations to the governing board regarding the nature of amateur, advanced, and professional players. There can be no doubt that the recommendations were heard by the PDGA because, as Harvey Barger pointed out, all of the tournament players present at the meeting were PDGA members!

Although there was not agreement on what the various classifications should be called, consensus emerged that players first classify themselves on the basis of whether they are playing for cash prizes. This criteria separates the "Professional" player from the "Amateur."

Within the Amateur classification would be two or more divisions separating players on the basis of their skill level. Whether a player would determine their own division based on their skill, or whether a mechanism should exist that "bumps up" to the next higher level those that win consistently at the lower level was not decided.

The idea of "flights" or a hierarchy of competition within the Professional class was also discussed.

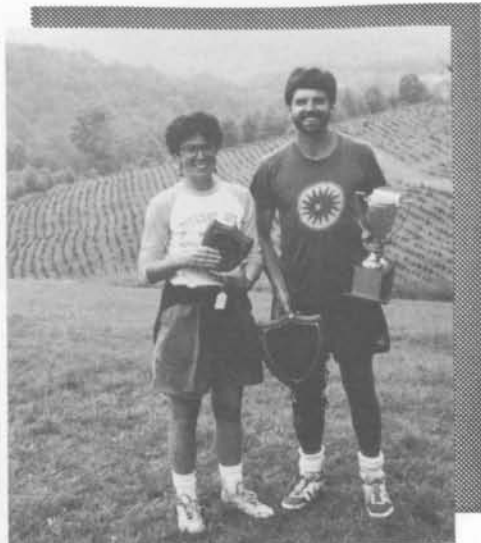
The divisions of play in the Pennsyl-

vania Flying Disc Championships were based on this discussion. Disc Golf players divided themselves into either an Amateur or Professional classification. Amateur players chose to compete for trophies and prizes in men's and women's Novice or Advanced divisions. Pros were classified according to World Flying Disc Federation and PDGA standards of Open, Master (35 years or older) and Women.

It seemed that the more experienced Amateur players who normally played in an "amateur" tournament were discouraged by the "Novice" label and chose to play "Advanced". This left the Novice division to those players who were new to the sport. Classifying the Advanced division as Amateur also seemed to discourage sandbagging by the lower caliber Pro players.

The problems created by this expanded classification system were few. The increased number of divisions did require more administration and the expense of additional trophies and prizes, and the women's categories were thin (one women Pro with no competition, played in the men's Advanced division). The attraction of the format to the new and developing player is clear, however. With a field of 56 Amateurs (12 Advanced men, 2 Advanced women, 40 Novice men, 3 Novice women) and 26 Pros (22 Open, 4 Master), everyone was in the competition.

Growth at the entry levels of the sport is key to the promotion of the sport of Disc Golf. Big money sponsorship and national media coverage of the the PDGA World Championships requires that the sanctioning organization has a broad and growing base of members. The PDGA must include in its mission the charge of defining and sanctioning Amateur events, and must utilize the experience of its members who are promoting the growth of the sport in this way.



Above: Lynn Giroux and J. Gary Dropcho

Below: Dropcho puts out on Laurel Springs #12

Am Nationals continued from page 1 course's pro record. This gave him a commanding five-stroke lead going into the fourth and final round.

A heavy rain persisted until tee-off the morning of the last round, dampening spirits. Dropcho's competitors gave the round their best shot, all of them shooting 60 or below in their attempt to challenge him. But Dropcho maintained his poise and his lead, shooting 60 for a four-round total of 238. Matt Wachowiak of Charlotte, NC, finished three strokes back for second place. Dropcho also out-dueled Harvey Barger of Topeka, Kansas, to win the tournament putting contest.

Meanwhile, Giroux was second in a field of five after her first round score of 77, six strokes behind Susanne Giendl of Vienna, Austria. She held second place through the second and third rounds. Then, due to a controversy over Giendl's status as an amateur, the women's division was split into an amateur class, consisting of Giroux, Susan Whittington, and three other women, and an advanced class, with Giendl and Nancy Manning.

Thus, Giroux went into the final round three strokes ahead in her category. However, Whittington came through with her best round, while Giroux faltered, giving Whittington the Women's Amateur title by three strokes. Giendl's commanding 21-stroke lead over Manning prevailed after comparable final rounds, making her the Women's Advanced champ.

Three players tied for first place in the men's Amateur division. Ted Kalogris of Fort Wayne, IN won the sudden life playoff by scoring the only birdie on the 448-foot first hole. Robert Mabe and Mike Sayre remained tied for three more holes until the Mach II on #4 spit Mike's dead center, 40-foot putt back at him for an undeserving fate.



## PA States continued from page 1

vanced title with a 246. Chris Strelau was second with a 280.

The Novice division had the largest field in the tournament with 43 players ranging in age from 14 to 40something. In the Men's Novice group, Mark Linden shot a 228 to win by three strokes over Buffalo's Steve Fiato. Martin Kaylor was third at 231. Cory Baach of Orchard Park, NY shot a 279 to win the Women's Novice title. Anne Strelau was second with a four round total of 303.

### Five Event Format

While golf was played on both days of the sunny and warm Labor Day weekend, Accuracy and Maximum Time Aloft were contested in single round formats. Boomerang master Red Whittington won MTA in a throw-off with Steve Fiato after finishing the regular round tied with throws of 10.6 seconds. Tim Kady had the only other 10-second throw and finished third.

In Accuracy, players made 28 throws, 4 from each of 7 different stations placed at varying distances and angles to a 1.5 meter square target. Joe Mela and Glen Whitlock both hit 12/28 and had to playoff for first place. Mela won the flip and elected to go last. Whitlock chose to throw from the short (13.5 meters) straight station, hit all four throws, and shifted the pressure back to Mela, who responded by hitting all four of his throws from the same station. Both hit only 1/4 from the short angled station to the left of the target, and then tied at 3/4 on the 22.5 meter straight station. Whitlock made only 1/4 from the short angled station to the right of the target, and Mela hit his first two throws from there to win Accuracy.

Bob Verish had third place sewed up by hitting 11/28. However, Tim Kady had to win a playoff with Bryan Stableford, J. Gary Dropcho and Don Opiela (all tied at 10/28) to win fourth place.

Speed Golf was also demonstrated on Saturday. In this event, the time it took to complete all eighteen holes was as important as a player's strokes. Mike Soo shot a 49, only one stroke more than in both of his first two rounds of regulation golf, but he did it in 11 minutes and 20 seconds! His speed golf score was 12 points better than Pete Fust who shot a 51 in 13:55. The reward for most of the entrants in this event was the food and drink that awaited them at the tournament picnic after the race was run. The party went on until after dark.

### Sunday celebration

Hot air balloon races that originated in Schenley Park on Sunday formed a colorful backdrop for the remainder of the events in the State Championships.

Mike Soo pushed into contention for the Overall with a first place Distance throw of 126.97 meters. Joe Mela, who had finished first or second in all of the events thus far (with the exception of a poor showing in MTA), also made his move for the Overall lead by taking second in Distance (116.90). Steve Kohman, who would win Golf later that day, stayed in the hunt with a third place heave of 116.26 meters.

Susanne Giendl had the Women's Overall in hand as she was the only woman who competed in all of the events. Giendl threw 76.29 meters in Distance, while Lynn Giroux took second with a 71.71 meter throw.

### Moonlight Freestyle tradition

With the golf scores in, Tim Kady emerged as the man to beat in the Overall race. His consistently high finishes in the first four events gave him a ten point lead going into the final Freestyle event. True to the form of the last PA State Championship in 1982, the Freestyle ended up being conducted under artificial light. However, the darkness and the subjective nature of the Freestyle judging created controversy when the final group of Red Whittington/Matt Miao/Glen Whitlock had many drops in their routine and did not make the cut. Although not as technically advanced as the Whittington/Miao/Whitlock trio, K.B. Clark and Tim Kady, who had done their routine earlier in the twilight, were judged to have executed better and advanced to the final round.

The class of the ten groups, however, was the pair of Steve Kohman and David Bikerman, who have Styled together since their teenage days in Mt. Lebanon. Having just done a Freestyle show the previous week, the pair was primed to jam and won the \$125 first prize. Calvin Turner and Jim Totten finished second and split \$75. The team of Mark Oller and Ed Noble finished third and shared \$50.

### Tribute to Pryor

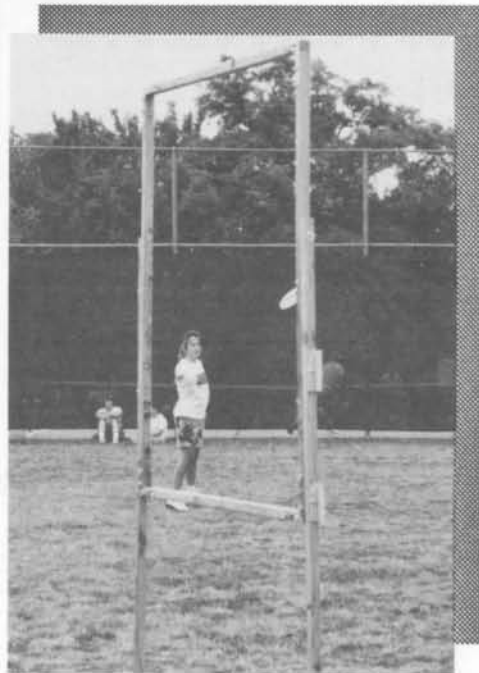
As the players gathered for the awards, the summer sky filled with fireworks being set off from nearby Flagstaff Hill. Plaques, trophies, cash, prizes, and congratulations were handed out, and the group who had gotten to know each as they strived for their individual best efforts with a little plastic disc remembered one player who exemplified the all-out and all-around spirit of Frisbee play, Pryor Hendrix. A few silent moments were followed by some fond remembrances of Pryor's exploits. Men's Overall winner Tim Kady said that his victory was fitting and proper because Pryor had taught him many of the trick shots that he uses in his game.

PA Flying Disc Championships September 2-3, 1989  
Schenley Park Pittsburgh, PA

		DISC GOLF					\$
<b>PROOPEN</b>							
1.	Steve Kohman	45	45	52	47	189	275
2.	Joe Mela	49	43	51	52	195	180
3.	Tim Kady	45	49	53	52	199	105
3.	Glen Whitlock	47	47	53	52	199	105
4.	Red Whittington	51	43#	55	54	203	75
5.	Tim Beron	49	48	52	56	205	50
5.	Jerry Williams	45	48	52	56	205	50
8.	Pete Fust	49	51	54	52	206	40
9.	Jack White	51	48	54	54	207	
10.	Tom Strelau	47	48	55	58	208	
<b>PRO MASTER</b>							
1.	Keith B. Clark	47	52	61	55	215	110
2.	Skoeter Hoffman	47	53	56	60	216	55
3.	Bob Verish	52	53	56	57	218	
4.	Doc Tomaszewski	52	51	66	62	231	
<b>AMATEUR ADVANCED MEN</b>							
1.	Mike Soo	48	48	56	56	208	
2.	Ed Noble	50	58	61	60	222	
3.	Mark Licata	56	55	61	62	234	
4.	Michael Novara	58	58	64	56	236	
5.	Don Opiela	55	58	62	65	244	
6.	Darrell Opiela	60	58	68	66	245	
7.	Susanne Giendl	54	58	68	66	246	
8.	Reach Helmka	61	64	71	64	260	
<b>AMATEUR ADVANCED WOMEN</b>							
1.	Lynn Giroux	65	56	62	63	246	
2.	Chris Strelau	62	67	78	73	280	
<b>AMATEUR NOVICE MEN</b>							
1.	Mark Linden	52	56	58	62	228	
2.	Steve Fiato	50	58	59	64	231	
3.	Martin Kaylor	55	52	64	62	233	
4.	Scott Murray	53	53	64	62	237	
5.	David Eckberg	56	58	64	62	240	
6.	Robert Theis	59	56	63	63	241	
7.	Gary Gray	56#	59	67	60	242	
8.	Damon Evans	62	58	63	60	243	
8.	Phil Theis	58	57	64	64	243	
10.	David Varner	58	60	61	65	244	
<b>AMATEUR NOVICE WOMEN</b>							
1.	Cory Baach	62	64	75	78	279	
2.	Anne Strelau	71	66	78	88	303	
22 Pro Open, 4 Pro Master, 12 Am Adv Men, 3 Am Adv Women, 40 Am Nov Men, 3 Am Nov Women. Total purse \$1055, paid top 1/3.							
# = ace							

### ACCURACY

MEN	
1.	Joe Mela 12/28*
2.	Glen Whitlock 12/28
3.	Bob Verish 11/28
4.	Tim Kady 10/28*
5.	Bryan Stableford 10/28
6.	J. Gary Dropcho 10/28
7.	Don Opiela 10/28
8.	Steve Fiato 9/28
8.	Jack White 9/28
8.	Tim Beron 9/28
WOMEN	
1.	Susanne Giendl 7/28



Ex-Pittsburgher Teri Breier throws Accuracy at PA State Championships

# 80 - MOLD UPDATE

By M Licata

In the last issue of the PFDS *Flyer*, the article "CMU '86 vs Mars '87" explained experiments that compared two discs. The CMU '86 disc is considered by most to be good throwing stock, while the Mars '87 is generally known as "whambly": typical of Wham-O Ultimate products in the 1987-1988 time period. The goal was to find out why the quality of the 80-mold discs slipped in the spring of 1987.

The initial data could not solve the puzzle; both discs had been molded from the same grade of low density polyethylene (LDPE). The only difference between the two samples was the amount of inorganic residue after the thermoplastic had been vaporized in a muffle furnace. Mike Morrison of Wham-O R&D confirmed that the method of pigment loading had been changed during the time period in question.

We have completed new experiments that may help solve the puzzle. Using a technique known as Electron Dispersion X-ray (EDX) analysis, the elemental make-up of the pigments could be determined. A scanning electron beam microscope is used to bombard a sample with high energy electrons. Under these conditions the plastic sample 'cracks' due to internal heating, and metallic atoms in the pigments give off x-rays as excited electrons return to their normal orbitals. The x-

rays are emitted at different energies, depending on the element that emitted them (see figure). In the figure, titanium emits at 4.3 KeV while silicone emits x-rays with 1.8 KeV of energy.

When samples from both discs are compared, we see a significant difference in the elemental make-up of their pigments:

	CMU '86	Mars '87
Titanium	60%	25%
Aluminum	9%	25%
Silicone	8%	18%
Zinc	8%	10%
Iron	8%	9%
Other	7%	13%

This data clearly shows that the CMU '86 disc contains much more titanium, probably in the form of titanium dioxide (TiO<sub>2</sub>). The Mars '87 disc has high amounts of aluminum and silicone, usually in an oxide form as well. Mixtures of aluminum and silicone oxide make up clay, a popular filler used in golf discs.

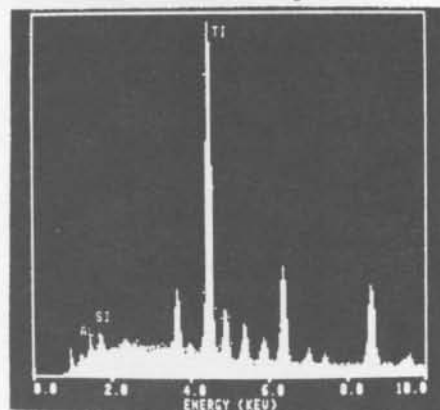
TiO<sub>2</sub> has more consistent particle size when compared to clay, and acts as a reinforcer when used in plastics. Clay can act as a site for degradation during processing as well. The substitution of clay for TiO<sub>2</sub> is likely contributor to the decrease in overall quality between the CMU 86 and the Mars 87 discs.

Thanks to Dr. Roy Matway of LTV Specialty Steels and the Mellon Institute Center for Materials Characterization.

Discovering The World has reacted to the declining quality of the 80-mold with the introduction of the U-Max 82E disc. The latest version of the 82E uses a combination of new plastics (most likely a linear low density polyethylene - LLDPE) and controlled processing to achieve a flat, stiff disc. With this technique, the disc is much less sensitive to the make-up of the pigment, so that a white disc will pretty much feel the same as a day glow green one.

On the other side of the Atlantic, Wham-O has licensed a new 80-mold to ASF Inc of Munich, W Germany. ASF has a fastback and 40-mold as well. ASF sales VP Torston Goerke directed the UPA World Club Championships in Cologne, and sold the new mold with several funky stamps. Initial trials with the disc have been positive, but Torst admits he still has to improve overall disc quality.

EDX scan of disc plastic



## WANKERS WIN AGAIN AT MARS

By Ken Scott

1989 would have provided a *deja vu* of the tenth Anniversary Mars Ultimate Classic if only the Coffee and Donuts (MI) had been fresh enough to top Anthill (DC) in the semis of this year's tournament. Anthill must have expended all their energy in that victory because the Wankers (conglomerate DC and PGH) conquered the Hill in the final, 17-9.

Preliminary rounds began on Saturday morning between sixteen teams from the Mid-Atlantic, Northeast, and Central regions. It was a nice mix of M.U.C. veterans and newcomers, although some of the regulars were missed. Five games were played by each team at various Hampton Township fields Saturday through Sunday with the top eight teams advancing to the playoffs on Monday.

At the end of two beautifully sunny days, the quarterfinalists looked to be four 5-0 teams [Wankers, Anthill, Czech Ulti-

mate (IL), and the Flintstones (DC)]; two 4-1 teams [Slag (PGH) and Coffee and Donuts]; one 2-3 team [Throw Up (MI)]; and one 1-4 team [S.O.S. (OH)].

But July 3 was a working day, and some teams had to forfeit their playoff slots. Gnu-Yak (NY) and Jason and the Argonauts moved up in the standings when Throw Up and S.O.S could not field teams on Monday. PHEW WEE...what a T.D.'s nightmare.

Monday's games pitted Wankers vs. Jason, Anthill vs. Gnu-Yak, Czech vs. C&D, and Flintstones vs. Slag. Wankers and Anthill prevailed in hard fought games, and Slag and C&D upset their opponents to advance to the semis.

Slag lost their momentum against the Wankers and fell 15-4 in a valiant attempt to be the first to win back-to-back M.U.C. championships.

Coffee and Donuts had made it to the finals the previous two years only to con-

cede to teams with more energy left at the end of the long holiday weekend. In 1989 they brought enough Coffee and Donuts to feed a metropolitan police department. C&D needed a break, but they didn't get it when they met The Mound. Anthill scurried to a 15-11 victory.

Anthill played tough all weekend building up points against their opponents. But in the final, the Wankers stomped on the Hill early and kept it up in the second half, taking advantage of every mistake. Jay Cohen put together another champion team (Wankers won the Tenth Mars Ultimate Classic) and some of his players got tournament experience in Mars before Yo Mama went to Europe for the UPA Worlds.

Thanks to all the teams for their participation and cooperation in one of the smoothest tournaments yet. See you next year everybody!

## DOUBLE UPSET IN JR. WORLDS

Shawn Kennedy of Wethersfield, CT and Angie Rodriguez of Sterling, IL had reason to be confident about the outcome of the 1989 Jr. World Frisbee disc Championships in San Diego October 19-21. Both had won their '88 titles convincingly with Shawn sweeping 4 of 5 events and Angie taking 3 events. The other good news was that the second place finishers in both divisions had "graduated" from the under-age-16 contest. For the second time in the 21-year history of the Jr. Contest, a champion repeat looked likely.

It was not to be. In the girl's division, Tina Wood of Maitand, FL showed great improvement over her '88 third place finish and took both the Golf, M.T.A. and the Overall crown.

Shawn Kennedy had a little better idea that he would have his hands full as word filtered back East about the talents of one of his challengers, 14-year Peter Albers. The book on Peter was "great talent/experienced golfer/little experience with other events." All of which was true, but "quick study" should have been added. Peter won Golf with seven straight birdies, and won both the M.T.A. and Distance with age-group world records. By the final day, Shawn couldn't catch up even with a win in Freestyle.

### OVERALL

Tina Wood (31)	Peter Albers (37 points)
Angie Rodriguez (27.5)	Shawn Kennedy (33.5)
Danielle Chang (25.5)	Matt Helber (31)
Carla Rubes (25)	Chad Wolbers (21)
April Blackburn (12)	Michael Newton (20)
Amy Helber (9.5)	Sandy Clark (16)
Claire Stewart (9)	Max Barnett (13.5)
	Thor Humason (8)

### GOLF

Tina Wood (57)	Peter Albers (45)
Angie Rodriguez (60)	Shawn Kennedy (49)
Danielle Chang (64)	Matt Helber (56)

### M.T.A.:

Tina Wood (7.99)	Peter Albers (10.64)
Danielle Chang (5.88)	Michael Newton (9.09)
Angie Rodriguez (5.88)	Shawn Kennedy (8.98)

### DISTANCE

Angie Rodriguez (285')	Peter Albers (455' 2")
Tina Wood (273' 6")	Shawn Kennedy (405' 9")
Danielle Chang (210' 8")	Matt Helber (307' 8")

### FREESTYLE

Carla Rubes	Shawn Kennedy
Tina Wood	Matt Helber
Angie Rodriguez	Peter Albers

### ACCURACY

Carla Rubes(12/20)	Matt Helber (15/20)
Danielle Chang(10/20)	Peter Albers(12/20)
Tina Wood (8/20)	Max Barnett (11/20)
	Shawn Kennedy (11/20)

The Jr. Frisbee Championship, sponsored by Kellogg's Frosted Flakes and co-sponsored by True Value Hardware and Wham-O, is one of the largest and longest running youth activities in the country.

In 1989, over 700,000 youngsters participated with 700 communities hosting nearly 2,000 local contests that culminated in the finals at Sea World in San Diego. This year also marks the first time that a significant number of schools have hosted local contests. Hopefully this will expand to include virtually all scholastic physical education programs.

If you would like your local park or school to participate in this free program next spring or summer have your local officials write to:

World Jr. Frisbee disc Contest  
P.O. Box 4  
San Gabriel, CA 91778

## MALTON WINS CANAM

Jeff Malton and Elaine King won the ten-tournament 1989 CanAm series. Malton won a total of \$1,536 at the ten CanAm tournaments plus a plaque for his overall win. King won all seven tournaments she entered, a total of \$393 in prize money plus a plaque.

Michael Sullivan and Jeff Skelding finished second and third respectively. Mina Cordeiro and Gail McColl were second and third in the Women's division.

Pittsburgh's Red Whittington was the top local golfer in the series, finishing seventh. Local pro Steve Kohman finished ninth and in the money.

All of the CanAm events, including the kickoff in Pittsburgh in April, were PDGA sanctioned. A total of CanAm purse of \$745 was split among the top ten series competitors based on their five best tournament finishes.

Prize money and plaques were awarded by Series coordinator Eric Vandenberg at this year's PDGA World Disc Golf Championships.

The Series included four stops in Ontario, one in Pennsylvania, two in New York, and three in Michigan.

## PDGA WORLDS

Steve Wisecup won the Open title of the Professional Disc Golf Association World Championships by three strokes over defending champion John Ahart. Chris O'Cleary repeated as Women's Champion, winning over Amy Bekkan by three strokes.

Snapper Pierson won the Master division by ten strokes over Tom Monroe, while Alan Ballew nipped Jim Palmeri by a stroke for the Grand Master title. Paul Haris beat Ed Headrick for the Senior Grand Masters title.

The five-day August event was hosted by the Blackhawk Metro Disc Golf League in Cedar Falls/Waterloo, Iowa, and was contested on four different disc golf courses. Doubles, mixed doubles, mini-disc golf, and putting champions were also crowned at this premiere event that included 226 players.

For the second consecutive year the final rounds of the Worlds were held on a special layout designed on a ball golf course. Wisecup, and O'Cleary played steady in the final round, shooting 49 and 59 respectively.

Ahart shot the hottest of the final rounds (44) and Bekkan fired the only even par round by a woman on the University of Northern Iowa course to draw both within three strokes of the eventual winners.

Three courses were played during the preliminary rounds; Tourist Park (5500 ft), Hickory Hills (7000 ft), and Exchange Park (6200 ft.). Hickory Hills was generally thought to be the most challenging and exciting course to play as hills, trees, weed, and lakes took every shot in a golfer's bag.

On the down side, the total purse of \$18,553 was substantially less than in previous years, due to 50 unfilled slots in the tournament, and the bottom money positions paid out less than the entry fee. Also, many of the Masters were upset because of the tournament format which allowed them only three instead of six preliminary rounds of play before the cut.

Why not join the DISCUSSION? Subscribe to the PFDS FLYER and stay in touch with the disc news and views in the region, the nation, and the world. \$5.00 gets you four issues of some of the best reporting on Disc Golf, Ultimate, disc technology, and the history of the sport.

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY / STATE / ZIP \_\_\_\_\_

PHONE(\_\_\_\_\_) \_\_\_\_\_

Make your check payable to PFDS and send to:

PFDS, 1818 Morrell Street, Pittsburgh, PA 15212.

# DISC EVENTS CALENDAR

12/17/89	PFDS club tournament; Noon	Schenley Park	Red Whittington	412-683-7264
1/21/90	1990 Ice Bowl	Noon Schenley Park	Red Whittington	412-683-7264
2/18	PFDS club tournament; Noon	Schenley Park	Red Whittington	412-683-7264
3/18	PFDS club tournament; Noon	Schenley Park	Red Whittington	412-683-7264
4/21	PDGA/CanAm Pgh Fly Disc Open	Schenley Park, PA	Steve Kohman	412-431-1985
4/22	PDGA/CanAm Hampton Open	Pittsburgh, PA	Keith Clark	412-364-2718
4/28	PDGA Sedgley Woods	Philadelphia, PA	Barry Noakes	609-461-8579
5/5	PDGA Mt. Kisko	Mt. Kisko, NY	Dave Jones	914-737-3939
5/19-20	PDGA Crosstown Classic	Brandywine/Lums DE	Irv Gordon	215-436-4707
5/26-28	PDGA Octad Lower Perkiomen	Oaks, PA	Steve Deering	215-275-7917
6/2	PDGA Akron	Roland Park, PA	Merrill Detweiler	717-394-7044
6/9-10	PDGA Druid Hill	Baltimore, MD	Norm Eckstein	301-462-1867
6/16-17	Twin Tourney	French Creek/Warwick, PA	Dave Tomaszewski	215-689-5757
8/4	Rutgers PDGA	New Brunswick, NJ	Matt LaCourte	201-538-7254
8/10-12	PA Flying Disc Champs.	Pittsburgh, PA	J. Gary Dropcho	412-734-0321

### SPEED GOLF (Demonstration event)

	Time	Strokes	Score
1. Mike Soo	11:20	49	94
2. Pete Fust	13:55	51	106
3. Mark Oller	12:47	58	109
3. Mark Licata	13:15	56	109
5. Doug Opiela	14:52	52	111
5. Francis Doreian	12:12	63	111
7. Gary Gray	15:41	59	121
8. Steve McCullough	16:17	58	123
9. Darrell Opiela	20:53	53	136
10. Jim Turoczy	16:45	69	138

### WOMEN

1. Susanne Giendl	17:51	66	137
-------------------	-------	----	-----

### OVERALL

MEN	SCORE
1. Tim Kady	340
2. Joe Mela	325
3. Steve Kohman	321
4. Bryan Stableford	309
5. Mike Soo	302
6. Ed Noble	293
7. Steve Fiato	292
8. Matt Miao	290
9. Tim Beron	269
10. Glen Whitlock	259

### WOMEN

1. Susanne Giendl	18
2. Lynn Giroux	7
3. Cory Basch	3

## PA Flying Disc Championships (cont.)

### MTA

MEN	SCORE
1. Red Whittington	10.6*
2. Steve Fiato	10.6
3. Tim Kady	10.0
4. Ed Noble	9.7
5. Mike Soo	9.5
6. Rich Gordon	9.3
7. Darrell Opiela	8.9
8. Steve Baker	8.8
9. Bryan Stableford	8.3
10. Randy Holt	8.2

### WOMEN

1. Susanne Giendl	5.7
-------------------	-----

### \*=won playoff

### DISTANCE

MEN	SCORE
1. Mike Soo	126.97
2. Joe Mela	116.90
3. Steve Kohman	116.26
4. Nick Kight	115.82
5. David Birkman	115.77
6. Bryan Stableford	114.49
7. Tim Kady	114.30
8. Pete Fust	114.09
9. Glen Whitlock	109.97
10. Matt Miao	109.77

### WOMEN

1. Susanne Giendl	76.29
2. Lynn Giroux	71.71

### FREESTYLE

1. Steve Kohman/Dave Birkman	\$125
2. Calvin Turner/Jim Totten	75
3. Mark Oller/Ed Noble	50
4. Tim Kady/K. B. Clark	
5. Red Whittington/Matt Miao/Glen Whitlock	
6. Joe Mela/Jack White	
7. Doug Opeila/Darrell Opiela/Dave Crouse	
8. Mark Licata/Mike Soo/Nancy McNamee	
9. Bryan Stableford/Tim Beron	
10. Steve Fiato/Dave Eckberg	

## NOTICE

PFDS organizational meeting  
Thursday, February 1, 1990  
Room G-18 Skibo Hall  
Carnegie Mellon University

### Agenda:

- Board member election
- 1990 event schedule
  - PDGA tournaments
  - Summer League
  - Keystone State Games

## In the next issue of the FLYER:

- Disc collecting
- Putting styles
- Hudson Springs

PFDS  
1818 MORRELL STREET  
PITTSBURGH, PA 15212-1717

Forwarding and address correction requested



Renew your  
subscription  
today!