

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018

Results - Session 1

Women 25-29 50 SC Meter Freestyle

NATL:		25.52	N	12/2/2017	L IBANEZ LOPEZ		
PAC:		26.81	P	12/31/2012	Erin Reilly		
WORLD:		25.42	W	3/12/2006	SUMIKA KOMATSU	JPN	
Name	Age	Team	Seed Time	Finals Time			
1 Gaudinier, Lindsay E	29	Walnut Creek Masters-38	28.66	29.19			
2 Skoda, Anette A	27	Los Altos Mountain View Master-38	28.80	29.38			

Women 25-29 100 SC Meter Freestyle

NATL:		55.06	N	12/1/2017	L IBANEZ LOPEZ		
PAC:		59.01	P	12/31/2002	Liesl Taner		
WORLD:		54.53	W	10/24/2015	EMMA GAGE	GBR	
1 Skoda, Anette A	27	Los Altos Mountain View Master-38	1:03.24	1:06.41			
	31.63	1:06.41 (34.78)					

Women 25-29 400 SC Meter Freestyle

NATL:		4:24.18	N	3/31/1996	SHEILA TAORMINA		
PAC:		4:36.92	P	12/31/2012	Christina A McGow		
WORLD:		4:15.74	W	10/27/2013	SOPHIE CASSON	GBR	
1 Leake, Mackenzie M	25	Stanford Masters Swimming-38	4:40.56	4:44.61			
	32.62	1:08.78 (36.16)	1:45.26 (36.48)	2:21.64 (36.38)			
	2:57.95 (36.31)	3:34.22 (36.27)	4:10.34 (36.12)	4:44.61 (34.27)			

Women 25-29 50 SC Meter Backstroke

NATL:		28.92	N	3/3/2012	DIANA MACMANUS		
PAC:		31.56	P	9/22/2013	Dana J Kirk		
WORLD:		27.88	W	6/14/2015	YURIE OGA	JPN	
1 Gaudinier, Lindsay E	29	Walnut Creek Masters-38	34.23	35.75			

Women 25-29 200 SC Meter Backstroke

NATL:		2:14.77	N	11/17/2001	LIA OBERSTAR		
PAC:		2:30.60	P	10/11/2013	Alexandra Lee		
WORLD:		2:12.84	W	11/20/2005	KANA OHASHI	JPN	
1 Leake, Mackenzie M	25	Stanford Masters Swimming-38	2:32.79	2:30.67			
	35.93	1:14.76 (38.83)	1:53.87 (39.11)	2:30.67 (36.80)			

Women 25-29 50 SC Meter Breaststroke

NATL:		31.87	N	11/21/2010	MEGAN JENDRICK		
PAC:		34.58	P	12/31/2012	Katy Houston		
WORLD:		30.50	W	6/8/2014	PETRA CHOCOVA	CZE	
1 Skoda, Anette A	27	Los Altos Mountain View Master-38	37.10	37.82			
2 Gaudinier, Lindsay E	29	Walnut Creek Masters-38	38.24	39.78			
3 Weber, Rachel	27	Ruby Hill Aquatics Club-38	39.00	41.07			

Women 25-29 200 SC Meter Breaststroke

NATL:		2:29.80	N	4/14/2012	MEGAN JENDRICK		
PAC:		2:44.19	P	12/31/2003	Helen Salcedo		
WORLD:		2:29.80	W	4/14/2012	MEGAN JENDRICK	USA	
1 Leake, Mackenzie M	25	Stanford Masters Swimming-38	2:49.99	2:52.47			
	39.69	1:23.93 (44.24)	2:08.63 (44.70)	2:52.47 (43.84)			
2 Weber, Rachel	27	Ruby Hill Aquatics Club-38	2:58.00	3:09.39			
	42.22	1:28.98 (46.76)	2:18.47 (49.49)	3:09.39 (50.92)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 25-29 50 SC Meter Butterfly**

NATL:	26.31	N	10/11/2015	CLAIRE DONAHUE		
PAC:	28.71	P	12/31/2010	Erin Reilly		
WORLD:	26.14	W	1/19/2018	ELINORE DE JONG	NED	
1	Weber, Rachel		27	Ruby Hill Aquatics Club-38	34.00	37.56

Women 25-29 200 SC Meter Butterfly

NATL:	2:17.83	N	10/10/2015	CLAIRE DONAHUE		
PAC:	2:19.51	P	10/12/2014	Katie C Kastes		
WORLD:	2:09.64	W	5/8/2010	YUKO NAKANISHI	JPN	
1	Leake, Mackenzie M		25	Stanford Masters Swimming-38	2:30.04	2:30.36
	33.88		1:12.37 (38.49)	1:51.57 (39.20)	2:30.36 (38.79)	

Women 25-29 100 SC Meter IM

NATL:	1:03.41	N	1/23/2011	MEGAN JENDRICK		
PAC:	1:06.99	P	12/31/2004	Allison Wagner		
WORLD:	1:02.29	W	6/8/2014	PETRA CHOCOVA	CZE	
1	Schmitz, Amanda		28	Mountain View Masters-38	1:15.00	1:11.35
	33.06		1:11.35 (38.29)			
2	Gaudinier, Lindsay E		29	Walnut Creek Masters-38	1:16.04	1:15.04
	34.97		1:15.04 (40.07)			
3	Weber, Rachel		27	Ruby Hill Aquatics Club-38	1:28.00	1:18.85
	36.97		1:18.85 (41.88)			

Women 25-29 200 SC Meter IM

NATL:	2:21.79	N	12/12/1998	WENKE HANSEN		
PAC:	2:26.38	P	10/13/2013	Lauren A Beaudrea		
WORLD:	2:17.17	W	4/23/2006	HITOMI MATSUDA	JPN	
1	Leake, Mackenzie M		25	Stanford Masters Swimming-38	2:30.12	2:31.03
	33.26		1:12.60 (39.34)	1:56.36 (43.76)	2:31.03 (34.67)	
2	Skoda, Anette A		27	Los Altos Mountain View Master-38	2:40.96	2:43.20
	32.94		1:14.41 (41.47)	2:02.77 (48.36)	2:43.20 (40.43)	
3	Weber, Rachel		27	Ruby Hill Aquatics Club-38	2:45.00	2:55.39
	37.55		1:22.32 (44.77)	2:12.05 (49.73)	2:55.39 (43.34)	

Women 25-29 400 SC Meter IM

NATL:	5:02.54	N	12/13/1998	WENKE HANSEN		
PAC:	5:24.56	P	12/31/2003	Helen Salcedo		
WORLD:	4:44.98	W	9/27/2015	K.BARANOWSKA	GER	
1	Leake, Mackenzie M		25	Stanford Masters Swimming-38	5:14.49	5:16.49P
	33.76		1:12.28 (38.52)	1:53.44 (41.16)	2:33.68 (40.24)	
	3:19.09 (45.41)		4:04.55 (45.46)	4:41.54 (36.99)	5:16.49 (34.95)	
2	Gaudinier, Lindsay E		29	Walnut Creek Masters-38	5:41.13	5:40.76
	36.14		1:18.16 (42.02)	2:02.08 (43.92)	2:46.63 (44.55)	
	3:35.14 (48.51)		4:25.04 (49.90)	5:03.25 (38.21)	5:40.76 (37.51)	

Women 30-34 50 SC Meter Freestyle

NATL:	25.69	N	11/10/2012	ERIKA ERNDL		
PAC:	25.98	P	12/31/2004	Katrina Radke		
WORLD:	25.17	W	11/29/2014	S.KNIAGININA	RUS	
1	Roman-Green, Brittany B		30	Stanford Masters Swimming-38	29.91	29.69
2	Kirk, Dana		34	Fremont Hills Masters-38	32.00	31.14
3	Norwood, Kristin E		34	Mountain View Masters-38	33.00	32.94

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 30-34 100 SC Meter Freestyle**

NATL:		54.75	N	10/13/2012	ERIKA ERNDL		
PAC:		57.46	P	12/31/2003	Katrina Radke		
WORLD:		54.75	W	10/13/2012	ERIKA ERNDL		USA
1	Roman-Green, Brittany B	30		Stanford Masters Swimming-38	1:06.80		1:06.26
		32.19					1:06.26 (34.07)
2	Norwood, Kristin E	34		Mountain View Masters-38	1:11.00		1:11.56
		34.23					1:11.56 (37.33)

Women 30-34 200 SC Meter Freestyle

NATL:		2:04.64	N	12/15/1996	K PIPES-NEILSEN		
PAC:		2:06.24	P	12/7/2014	Jennifer D Radeck		
WORLD:		2:02.03	W	10/27/2017	SOPHIE CASSON		GBR
1	Norwood, Kristin E	34		Mountain View Masters-38	2:40.00		2:44.47
		36.33					1:16.68 (40.35) 2:00.41 (43.73) 2:44.47 (44.06)

Women 30-34 50 SC Meter Backstroke

NATL:		27.61	N	11/21/2009	NORIKO INADA		
PAC:		30.66	P	10/9/2016	Sarah M Hernandez		
WORLD:		27.43	W	4/19/2009	MAI NAKAMURA		JPN
1	Roman-Green, Brittany B	30		Stanford Masters Swimming-38	33.27		32.29

Women 30-34 50 SC Meter Butterfly

NATL:		27.89	N	12/10/2011	NORIKO INADA		
PAC:		28.05	P	12/31/2004	Katrina Radke		
WORLD:		27.08	W	1/10/2016	YUKA KATO		JPN
1	Kirk, Dana	34		Fremont Hills Masters-38	33.00		32.72

Women 30-34 100 SC Meter IM

NATL:		1:02.52	N	10/13/2012	ERIKA ERNDL		
PAC:		1:07.78	P	10/4/2014	Sarah M Hernandez		
WORLD:		1:02.52	W	10/13/2012	ERIKA ERNDL		USA
1	Kirk, Dana	34		Fremont Hills Masters-38	1:15.00		1:15.24
		34.17					1:15.24 (41.07)

Women 35-39 100 SC Meter Freestyle

NATL:		54.95	N	12/3/2006	DARA TORRES		
PAC:		58.44	P	12/7/2014	Ericka L Richards		
WORLD:		54.95	W	12/3/2006	DARA TORRES		USA
1	Harris, Catherine R	36		Mountain View Masters-38	1:12.00		1:09.81
		34.00					1:09.81 (35.81)

Women 35-39 200 SC Meter Freestyle

NATL:		2:03.56	N	12/14/1997	K PIPES-NEILSEN		
PAC:		2:06.86	P	12/31/1999	Jill S Hernandez		
WORLD:		2:03.12	W	3/25/2012	HITOMI MATSUDA		JPN
1	Harris, Catherine R	36		Mountain View Masters-38	2:30.00		2:32.80
		34.85					1:13.01 (38.16) 1:52.90 (39.89) 2:32.80 (39.90)
2	Steiner, Erin	39		Santa Clara Masters-38	3:08.00		2:51.42
		36.81					1:19.47 (42.66) 2:05.12 (45.65) 2:51.42 (46.30)

Women 35-39 50 SC Meter Backstroke

NATL:		27.63	N	11/13/2016	NORIKO INADA		
PAC:		32.02	P	10/12/2014	Ericka L Richards		
WORLD:		27.63	W	11/13/2016	NORIKO INADA		USA
1	Lawrence, Laura A	38		Walnut Creek Masters-38	35.00		36.37

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 35-39 200 SC Meter Breaststroke**

NATL: 2:33.73		N	11/23/2014	CYNTHIA LEWIS		
PAC: 2:37.13		P	10/10/2015	Katie Glenn		
WORLD: 2:30.63		W	3/10/2012	HITOMI MATSUDA	JPN	
1	Lawrence, Laura A	38	Walnut Creek Masters-38	3:30.00		3:13.10
	44.78		1:33.65 (48.87)	2:23.68 (50.03)	3:13.10 (49.42)	

Women 35-39 400 SC Meter IM

NATL: 4:52.85		N	12/14/1997	K PIPES-NEILSEN		
PAC: 5:10.43		P	12/31/1999	Jill S Hernandez		
WORLD: 4:52.85		W	12/14/1997	K.PIPES-NEILSEN	USA	
1	Lawrence, Laura A	38	Walnut Creek Masters-38	5:56.28		5:57.33
	37.41		1:20.20 (42.79)	2:07.86 (47.66)	2:53.85 (45.99)	
	3:45.09 (51.24)		4:36.39 (51.30)	5:17.47 (41.08)	5:57.33 (39.86)	
2	Steiner, Erin	39	Santa Clara Masters-38	7:35.00		7:24.03
	50.69		1:47.66 (56.97)	2:43.49 (55.83)	3:39.41 (55.92)	
	4:46.31 (1:06.90)		5:49.78 (1:03.47)	6:36.66 (46.88)	7:24.03 (47.37)	

Women 40-44 50 SC Meter Freestyle

NATL: 26.02		N	12/14/2014	ERIKA BRAUN		
PAC: 27.54		P	12/31/2000	Jill S Hernandez		
WORLD: 26.02		W	12/14/2014	ERIKA BRAUN	USA	
1	Smith, Angela R	44	San Ramon Valley Aquatics Mast-38	33.00		31.29
2	Maidenberg, Eve G	42	Manatee Aquatic Masters Inc-38	32.79		32.27
3	Lindahl, Sarah	42	Marcia's Enthusiastic Masters-38	38.25		37.06
4	Clarke, Sunne A	44	Marcia's Enthusiastic Masters-38	36.83		37.90

Women 40-44 100 SC Meter Freestyle

NATL: 57.08		N	12/14/2014	ERIKA BRAUN		
PAC: 58.81		P	12/31/2000	Jill S Hernandez		
WORLD: 57.08		W	12/14/2014	ERIKA BRAUN	USA	
1	Maidenberg, Eve G	42	Manatee Aquatic Masters Inc-38	1:10.95		1:11.64
	33.89		1:11.64 (37.75)			

Women 40-44 200 SC Meter Freestyle

NATL: 2:05.26		N	12/14/2003	K PIPES-NEILSEN		
PAC: 2:06.81		P	12/31/2000	Jill S Hernandez		
WORLD: 2:05.26		W	12/14/2003	K.PIPES-NEILSEN	USA	
1	Maidenberg, Eve G	42	Manatee Aquatic Masters Inc-38	2:32.61		2:30.77
	34.92		1:13.01 (38.09)	1:51.97 (38.96)	2:30.77 (38.80)	

Women 40-44 400 SC Meter Freestyle

NATL: 4:21.75		N	12/14/2003	K PIPES-NEILSEN		
PAC: 4:22.78		P	12/2/2017	Heidi S George		
WORLD: 4:21.75		W	12/14/2003	K.PIPES-NEILSEN	USA	
1	Maidenberg, Eve G	42	Manatee Aquatic Masters Inc-38	5:14.38		5:17.50
	36.27		1:15.67 (39.40)	1:55.48 (39.81)	2:35.67 (40.19)	
	3:16.16 (40.49)		3:57.01 (40.85)	4:37.62 (40.61)	5:17.50 (39.88)	

Women 40-44 50 SC Meter Backstroke

NATL: 30.02		N	10/14/2012	SHERI HART		
PAC: 30.72		P	12/31/2009	Jody Smith		
WORLD: 28.86		W	1/14/2017	R.JOHANNA LUOTO	FIN	
1	Clarke, Sunne A	44	Marcia's Enthusiastic Masters-38	44.86		45.12

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 40-44 50 SC Meter Breaststroke**

NATL: 32.29 N 11/22/2009 S VON DER LIPPE
 PAC: 34.79 P 9/25/2017 Katie Glenn
 WORLD: 32.20 W 8/5/2012 LINLEY FRAME AUS

1 Clarke, Sunne A 44 Marcia's Enthusiastic Masters-38 48.73 50.06

Women 40-44 50 SC Meter Butterfly

NATL: 28.19 N 3/16/2013 ERIKA BRAUN
 PAC: 29.86 P 12/31/2009 Jody Smith
 WORLD: 28.19 W 3/16/2013 ERIKA BRAUN USA

1 Smith, Angela R 44 San Ramon Valley Aquatics Mast-38 34.00 33.58
 2 Clarke, Sunne A 44 Marcia's Enthusiastic Masters-38 42.00 43.65
 3 Lindahl, Sarah 42 Marcia's Enthusiastic Masters-38 55.50 45.91

Women 40-44 200 SC Meter Butterfly

NATL: 2:20.66 N 11/19/2006 S VON DER LIPPE
 PAC: 2:29.19 P 12/31/1993 Laura B Val
 WORLD: 2:20.66 W 11/19/2006 S.VON DER LIPPE USA

1 Lindahl, Sarah 42 Marcia's Enthusiastic Masters-38 4:45.50 4:34.46
 1:02.21 2:11.84 (1:09.63) 3:22.77 (1:10.93) 4:34.46 (1:11.69)

Women 40-44 100 SC Meter IM

NATL: 1:04.19 N 10/10/2015 LISA BLACKBURN
 PAC: 1:08.91 P 12/31/2004 Jill S Hernandez
 WORLD: 1:04.19 W 10/10/2015 LISA BLACKBURN USA

1 Smith, Angela R 44 San Ramon Valley Aquatics Mast-38 1:25.00 1:19.62
 36.27 1:19.62 (43.35)
 2 Maidenberg, Eve G 42 Manatee Aquatic Masters Inc-38 1:26.22 1:24.38
 41.02 1:24.38 (43.36)
 3 Clarke, Sunne A 44 Marcia's Enthusiastic Masters-38 1:33.13 1:35.67
 44.71 1:35.67 (50.96)

Women 40-44 200 SC Meter IM

NATL: 2:19.21 N 12/2/2007 S VON DER LIPPE
 PAC: 2:22.51 P 12/31/2000 Jill S Hernandez
 WORLD: 2:19.21 W 12/2/2007 S.VON DER LIPPE USA

1 Maidenberg, Eve G 42 Manatee Aquatic Masters Inc-38 2:55.25 2:59.56
 40.81 1:28.36 (47.55) 2:19.77 (51.41) 2:59.56 (39.79)

Women 40-44 400 SC Meter IM

NATL: 5:00.82 N 11/24/2002 K PIPES-NEILSEN
 PAC: 5:02.17 P 12/31/2000 Jill S Hernandez
 WORLD: 5:00.82 W 11/24/2002 K.PIPES-NEILSEN USA

1 Smith, Angela R 44 San Ramon Valley Aquatics Mast-38 6:30.00 6:21.94
 36.42 1:23.09 (46.67) 2:12.49 (49.40) 3:01.32 (48.83)
 3:55.44 (54.12) 4:51.79 (56.35) 5:37.00 (45.21) 6:21.94 (44.94)

Women 45-49 50 SC Meter Freestyle

NATL: 26.59 N 12/8/2013 FALL WILLEBOORDSE
 PAC: 28.58 P 12/31/2000 Laura B Val
 WORLD: 26.37 W 5/18/2013 M.THERESE FUZZATI FRA

1 Konkol-Zamir, Simona 48 Fremont Hills Masters-38 34.21 35.83
 2 Espinosa, Rebecca 48 Marcia's Enthusiastic Masters-38 55.07 46.96

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 45-49 100 SC Meter Freestyle**

NATL:		58.21	N	11/5/2017	ERIKA BRAUN		
PAC:		1:02.00	P	12/31/1998	Laura B Val		
WORLD:		58.21	W	11/5/2017	ERIKA BRAUN	USA	
1	Aoun, Nadine	46	Fremont Hills Masters-38	1:25.00		1:12.78	
		35.06	1:12.78 (37.72)				
2	Fahlen, Lola	49	Almaden Masters-38	NT		1:26.40	
		41.05	1:26.40 (45.35)				

Women 45-49 200 SC Meter Freestyle

NATL:		2:05.94	N	12/2/2007	K PIPES-NEILSEN		
PAC:		2:10.91	P	12/31/2003	Suzanne M Heim-Bo		
WORLD:		2:05.94	W	12/2/2007	K.PIPES-NEILSEN	USA	
1	Aoun, Nadine	46	Fremont Hills Masters-38	3:00.00		2:41.83	
		36.02	1:15.92 (39.90)	1:59.73 (43.81)	2:41.83 (42.10)		
2	Konkol-Zamir, Simona	48	Fremont Hills Masters-38	2:52.06		2:54.21	
		40.11	1:24.48 (44.37)	2:09.85 (45.37)	2:54.21 (44.36)		
3	Espinosa, Rebecca	48	Marcia's Enthusiastic Masters-38	4:15.80		4:05.57	
		56.94	2:00.64 (1:03.70)	3:05.26 (1:04.62)	4:05.57 (1:00.31)		

Women 45-49 400 SC Meter Freestyle

NATL:		4:25.34	N	5/16/2009	K PIPES-NEILSEN		
PAC:		4:30.98	P	12/31/2003	Suzanne M Heim-Bo		
WORLD:		4:25.34	W	5/16/2009	K.PIPES-NEILSEN	USA	
1	Tong, Connie C	47	Stanford Masters Swimming-38	6:45.00		6:33.50	
		45.78	1:34.21 (48.43)	2:23.78 (49.57)	3:14.54 (50.76)		
		4:04.72 (50.18)	4:55.42 (50.70)	5:45.07 (49.65)	6:33.50 (48.43)		
2	Espinosa, Rebecca	48	Marcia's Enthusiastic Masters-38	9:00.00		8:33.47	
		59.17	2:03.48 (1:04.31)	3:09.89 (1:06.41)	4:16.09 (1:06.20)		
		5:21.53 (1:05.44)	6:28.53 (1:07.00)	7:33.52 (1:04.99)	8:33.47 (59.95)		

Women 45-49 200 SC Meter Backstroke

NATL:		2:18.95	N	5/15/2009	K PIPES-NEILSEN		
PAC:		2:28.11	P	12/31/2009	Lisa A Ward		
WORLD:		2:18.15	W	2/26/2009	K.PIPES-NEILSEN	FRA	
1	Espinosa, Rebecca	48	Marcia's Enthusiastic Masters-38	8:07.00		4:46.46	
		1:04.67	2:19.23 (1:14.56)	3:32.80 (1:13.57)	4:46.46 (1:13.66)		

Women 45-49 50 SC Meter Breaststroke

NATL:		33.82	N	10/10/2010	S VON DER LIPPE		
PAC:		37.32	P	12/31/2004	Leianne S Critten		
WORLD:		33.01	W	7/16/2017	LINLEY FRAME	AUS	
1	Konkol-Zamir, Simona	48	Fremont Hills Masters-38	42.00		44.96	
2	Fahlen, Lola	49	Almaden Masters-38	NT		51.80	

Women 45-49 50 SC Meter Butterfly

NATL:		28.60	N	4/2/2017	ERIKA BRAUN		
PAC:		30.78	P	12/31/2010	Laureen K Welting		
WORLD:		28.53	W	10/15/2017	YURIKO IKEDA	JPN	
1	Aoun, Nadine	46	Fremont Hills Masters-38	45.00		40.69	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 45-49 100 SC Meter IM**

NATL:		1:05.75	N	12/12/2009	K PIPES-NEILSEN		
PAC:		1:10.77	P	10/18/2009	Lisa A Ward		
WORLD:		1:05.61	W	2/26/2009	K.PIPES-NEILSEN	FRA	
1	Aoun, Nadine			46	Fremont Hills Masters-38	1:40.00	1:26.81
		40.22					1:26.81 (46.59)
2	Konkol-Zamir, Simona			48	Fremont Hills Masters-38	1:29.07	1:31.83
		44.00					1:31.83 (47.83)
---	Fahlen, Lola			49	Almaden Masters-38	NT	DQ
		46.24					DQ (52.92)

Women 50-54 50 SC Meter Freestyle

NATL:		27.67	N	3/15/2014	SUE WALSH		
PAC:		28.11	P	12/31/2009	Suzanne M Heim-Bo		
WORLD:		26.27	W	3/27/2015	M.THERESE FUZZATI	FRA	
1	Capen, Tasha			52	Menlo Masters-38	33.34	32.89
2	Lu, Yanping			50	Fremont Hills Masters-38	1:00.00	44.57

Women 50-54 100 SC Meter Freestyle

NATL:		1:01.41	N	9/27/2014	ELLEN REYNOLDS		
PAC:		1:01.49	P	12/31/2001	Laura B Val		
WORLD:		58.60	W	1/25/2015	M.THERESE FUZZATI	FRA	
1	Capen, Tasha			52	Menlo Masters-38	1:15.00	1:22.14
		40.11					1:22.14 (42.03)

Women 50-54 200 SC Meter Freestyle

NATL:		2:10.72	N	12/6/2009	S HEIM-BOWEN		
PAC:		2:10.72	P	12/31/2009	Suzanne M Heim-Bo		
WORLD:		2:10.72	W	12/6/2009	S.HEIM-BOWEN	USA	
1	Couch, Stephanie D			54	Menlo Masters-38	2:41.61	2:37.98
		37.14					1:16.87 (39.73) 1:57.45 (40.58) 2:37.98 (40.53)

Women 50-54 400 SC Meter Freestyle

NATL:		4:35.54	N	12/5/2009	S HEIM-BOWEN		
PAC:		4:35.54	P	12/31/2009	Suzanne M Heim-Bo		
WORLD:		4:34.81	W	1/29/2011	LYNN MARSHALL	CAN	
1	Couch, Stephanie D			54	Menlo Masters-38	5:33.53	5:25.88
		38.15					1:19.04 (40.89) 2:00.53 (41.49) 2:41.89 (41.36)
		3:23.40 (41.51)					4:04.83 (41.43) 4:45.89 (41.06) 5:25.88 (39.99)
2	Shu, Vicki			50	Marcia's Enthusiastic Masters-38	5:50.00	5:50.92
		43.60					1:27.95 (44.35) 2:12.28 (44.33) 2:56.76 (44.48)
		3:40.61 (43.85)					4:24.45 (43.84) 5:08.32 (43.87) 5:50.92 (42.60)
3	Phalen, Jennifer R			54	Davis Aquatic Masters-38	6:16.20	6:08.67
		42.73					1:27.26 (44.53) 2:12.57 (45.31) 2:59.16 (46.59)
		3:47.28 (48.12)					4:35.79 (48.51) 5:23.21 (47.42) 6:08.67 (45.46)

Women 50-54 50 SC Meter Backstroke

NATL:		30.27	N	12/13/2015	LESLIE LIVINGSTON		
PAC:		32.72	P	12/31/2005	Laura B Val		
WORLD:		30.27	W	12/13/2015	LESLIE LIVINGSTON	USA	
1	Capen, Tasha			52	Menlo Masters-38	51.18	43.09
2	Phalen, Jennifer R			54	Davis Aquatic Masters-38	47.79	49.46

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 50-54 200 SC Meter Backstroke**

NATL: 2:22.37 N 3/8/2014		ELLEN REYNOLDS			
PAC: 2:35.02 P 12/31/2010		Bonnie M Bilich			
WORLD: 2:22.37 W 3/8/2014		ELLEN REYNOLDS			USA
1	Couch, Stephanie D	54	Menlo Masters-38	3:01.54	2:56.52
	43.35	1:27.57 (44.22)	2:12.28 (44.71)	2:56.52 (44.24)	
2	Shu, Vicki	50	Marcia's Enthusiastic Masters-38	3:40.00	3:23.39
	51.30	1:43.47 (52.17)	2:34.17 (50.70)	3:23.39 (49.22)	
3	Phalen, Jennifer R	54	Davis Aquatic Masters-38	3:45.27	3:56.07
	57.37	1:55.93 (58.56)	2:55.22 (59.29)	3:56.07 (1:00.85)	

Women 50-54 50 SC Meter Breaststroke

NATL: 36.31 N 11/22/2015		CAROLINE KRATTLI			
PAC: 35.61 P 10/21/2007		Patty L Harris			
WORLD: 33.96 W 11/24/2012		MONICA CORO			ITA
1	Capen, Tasha	52	Menlo Masters-38	50.00	44.32

Women 50-54 200 SC Meter Breaststroke

NATL: 2:50.36 N 12/4/2016		ELLEN REYNOLDS			
PAC: 2:57.30 P 12/31/2009		Cokie Lepinski			
WORLD: 2:46.24 W 3/26/2017		MARZENA KULIS			ITA
1	Phalen, Jennifer R	54	Davis Aquatic Masters-38	3:31.06	3:30.64
	48.66	1:42.03 (53.37)	2:35.70 (53.67)	3:30.64 (54.94)	
2	Shu, Vicki	50	Marcia's Enthusiastic Masters-38	3:55.00	3:50.33
	55.63	1:55.73 (1:00.10)	2:54.53 (58.80)	3:50.33 (55.80)	

Women 50-54 50 SC Meter Butterfly

NATL: 29.25 N 3/16/2013		LESLIE LIVINGSTON			
PAC: 31.16 P 12/31/2001		Laura B Val			
WORLD: 29.25 W 3/16/2013		LESLIE LIVINGSTON			USA
1	Lu, Yanping	50	Fremont Hills Masters-38	1:30.00	59.18

Women 50-54 200 SC Meter Butterfly

NATL: 2:32.29 N 12/9/2012		KARLYN PIPES			
PAC: 2:35.36 P 10/11/2013		Jill S Hernandez			
WORLD: 2:28.08 W 5/8/2011		LYNN MARSHALL			CAN
1	Shu, Vicki	50	Marcia's Enthusiastic Masters-38	3:11.16	3:09.34
	43.55	1:32.09 (48.54)	2:20.86 (48.77)	3:09.34 (48.48)	
2	Couch, Stephanie D	54	Menlo Masters-38	3:11.13	3:13.70
	44.05	1:33.61 (49.56)	2:23.93 (50.32)	3:13.70 (49.77)	
3	Phalen, Jennifer R	54	Davis Aquatic Masters-38	3:58.65	3:59.21
	55.15	1:56.13 (1:00.98)	2:58.22 (1:02.09)	3:59.21 (1:00.99)	

Women 50-54 100 SC Meter IM

NATL: 1:09.68 N 2/18/2012		KARLYN PIPES			
PAC: 1:13.92 P 12/31/2002		Laura B Val			
WORLD: 1:07.85 W 11/7/2015		ANETTE PHILIPSSON			SWE
1	Sawamura, Sachi	52	Mountain View Masters-38	1:25.00	1:23.24
	38.61	1:23.24 (44.63)			
2	Capen, Tasha	52	Menlo Masters-38	1:35.00	1:32.31
	45.11	1:32.31 (47.20)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 50-54 400 SC Meter IM**

NATL:		5:10.96	N	9/26/2014	ELLEN REYNOLDS		
PAC:		5:36.28	P	12/31/2002	Laura B Val		
WORLD:		5:10.96	W	9/26/2014	ELLEN REYNOLDS	USA	
1	Couch, Stephanie D	54	Menlo Masters-38		6:17.68		6:18.04
	42.36	1:30.43 (48.07)	2:16.76 (46.33)	3:02.97 (46.21)			
	3:59.06 (56.09)	4:55.69 (56.63)	5:37.13 (41.44)	6:18.04 (40.91)			
2	Shu, Vicki	50	Marcia's Enthusiastic Masters-38		6:50.00		6:51.39
	40.99	1:29.39 (48.40)	2:23.18 (53.79)	3:16.64 (53.46)			
	4:19.64 (1:03.00)	5:22.21 (1:02.57)	6:07.07 (44.86)	6:51.39 (44.32)			
3	Phalen, Jennifer R	54	Davis Aquatic Masters-38		7:11.64		7:14.40
	52.39	1:52.75 (1:00.36)	2:51.58 (58.83)	3:49.41 (57.83)			
	4:42.32 (52.91)	5:38.36 (56.04)	6:27.24 (48.88)	7:14.40 (47.16)			

Women 55-59 50 SC Meter Freestyle

NATL:		27.81	N	3/5/2016	LESLIE LIVINGSTON		
PAC:		28.49	P	12/31/2009	Laura B Val		
WORLD:		27.81	W	3/5/2016	LESLIE LIVINGSTON	USA	
1	Russell, Jane E	55	Davis Aquatic Masters-38		32.48		32.96
2	Coffee, Cassandra	57	Nuts-38		38.00		36.25
3	Martin, Joan	58	Manatee Aquatic Masters Inc-38		37.89		38.72

Women 55-59 100 SC Meter Freestyle

NATL:		1:00.61	N	1/20/2017	KARLYN PIPES		
PAC:		1:01.33	P	12/31/2009	Laura B Val		
WORLD:		1:00.61	W	1/20/2017	KARLYN PIPES	USA	
1	Coffee, Cassandra	57	Nuts-38		1:33.00		1:23.04
	41.16	1:23.04 (41.88)					
2	Martin, Joan	58	Manatee Aquatic Masters Inc-38		1:28.54		1:29.75
	41.25	1:29.75 (48.50)					

Women 55-59 200 SC Meter Freestyle

NATL:		2:13.89	N	4/22/2017	KARLYN PIPES		
PAC:		2:14.45	P	12/31/2009	Laura B Val		
WORLD:		2:13.58	W	2/28/2016	LYNN MARSHALL	CAN	
1	Focha, Teresa M	57	Modesto Area Aquatic Club-38		3:30.55		3:49.89
	52.37	1:51.00 (58.63)	2:51.24 (1:00.24)	3:49.89 (58.65)			

Women 55-59 400 SC Meter Freestyle

NATL:		4:42.97	N	10/4/2009	LAURA VAL		
PAC:		4:42.97	P	12/31/2009	Laura B Val		
WORLD:		4:37.35	W	1/23/2016	LYNN MARSHALL	CAN	
1	Walts, Merrie E	58	Santa Rosa Masters-38		5:36.16		5:21.66
	36.28	1:16.89 (40.61)	1:57.59 (40.70)	2:38.54 (40.95)			
	3:19.49 (40.95)	4:00.77 (41.28)	4:41.79 (41.02)	5:21.66 (39.87)			
2	Focha, Teresa M	57	Modesto Area Aquatic Club-38		7:15.44		7:45.74
	53.81	1:52.77 (58.96)	2:51.93 (59.16)	3:50.63 (58.70)			
	4:49.66 (59.03)	5:48.88 (59.22)	6:48.02 (59.14)	7:45.74 (57.72)			
3	Carroll, Leah A	57	Albany Armada Aquatic Masters-38		7:57.61		8:22.11
	58.78	2:01.97 (1:03.19)	3:07.28 (1:05.31)	4:12.38 (1:05.10)			
	5:16.36 (1:03.98)	6:18.44 (1:02.08)	7:21.59 (1:03.15)	8:22.11 (1:00.52)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 55-59 50 SC Meter Backstroke**

NATL:	30.12	N	3/5/2016	LESLIE LIVINGSTON		
PAC:	32.62	P	12/31/2009	Laura B Val		
WORLD:	30.12	W	3/5/2016	LESLIE LIVINGSTON		USA
1	Martin, Joan			58 Manatee Aquatic Masters Inc-38	47.99	48.61
2	Indaco, Birgitta			59 Fremont Hills Masters-38	50.00	50.13

Women 55-59 200 SC Meter Backstroke

NATL:	2:29.22	N	1/22/2017	KARLYN PIPES		
PAC:	2:39.94	P	10/9/2016	Bonnie M Bilich		
WORLD:	2:29.22	W	1/22/2017	KARLYN PIPES		USA
1	Walts, Merrie E			58 Santa Rosa Masters-38	2:55.04	2:51.47
	40.03		1:24.09 (44.06)	2:08.89 (44.80)	2:51.47 (42.58)	
2	Carroll, Leah A			57 Albany Armada Aquatic Masters-38	3:58.16	4:18.25
	1:03.27		2:08.20 (1:04.93)	3:15.26 (1:07.06)	4:18.25 (1:02.99)	
3	Focha, Teresa M			57 Modesto Area Aquatic Club-38	4:04.39	4:20.33
	1:02.90		2:08.53 (1:05.63)	3:15.06 (1:06.53)	4:20.33 (1:05.27)	

Women 55-59 50 SC Meter Breaststroke

NATL:	36.47	N	11/5/2017	CAROLINE KRATTLI		
PAC:	40.27	P	12/31/2001	Carolyn Boak		
WORLD:	35.15	W	4/9/2017	MONICA CORO		ITA
1	Walts, Merrie E			58 Santa Rosa Masters-38	43.00	43.06
2	Indaco, Birgitta			59 Fremont Hills Masters-38	48.00	50.39
3	Martin, Joan			58 Manatee Aquatic Masters Inc-38	52.42	52.47
4	Carroll, Leah A			57 Albany Armada Aquatic Masters-38	54.30	55.06

Women 55-59 200 SC Meter Breaststroke

NATL:	3:01.40	N	11/20/2016	KIM CROUCH		
PAC:	3:12.04	P	9/28/2014	Cokie Lepinski		
WORLD:	2:53.16	W	4/22/2017	MONICA CORO		ITA
1	Glassman, Lucille R			55 Fremont Hills Masters-38	3:15.00	3:07.11 P
	43.63		1:31.84 (48.21)	2:19.73 (47.89)	3:07.11 (47.38)	
2	Walts, Merrie E			58 Santa Rosa Masters-38	3:20.10	3:15.00
	45.13		1:35.09 (49.96)	2:25.49 (50.40)	3:15.00 (49.51)	
3	Focha, Teresa M			57 Modesto Area Aquatic Club-38	4:40.67	4:44.81
	1:09.10		2:21.70 (1:12.60)	3:33.65 (1:11.95)	4:44.81 (1:11.16)	
---	Carroll, Leah A			57 Albany Armada Aquatic Masters-38	4:13.96	DQ
	1:03.49		2:12.90 (1:09.41)	3:24.96 (1:12.06)	DQ (1:08.99)	

Women 55-59 50 SC Meter Butterfly

NATL:	29.39	N	3/5/2016	LESLIE LIVINGSTON		
PAC:	31.13	P	10/18/2009	Laura B Val		
WORLD:	29.39	W	3/5/2016	LESLIE LIVINGSTON		USA
1	Russell, Jane E			55 Davis Aquatic Masters-38	34.17	35.13
2	Coffee, Cassandra			57 Nuts-38	41.00	41.29

Women 55-59 200 SC Meter Butterfly

NATL:	2:31.13	N	9/14/2008	LAURA VAL		
PAC:	2:31.13	P	12/31/2008	Laura B Val		
WORLD:	2:31.13	W	9/14/2008	LAURA VAL		USA
1	Brown, Claiborne M			55 Fremont Hills Masters-38	3:15.00	3:01.48
	40.27		1:25.77 (45.50)	2:13.23 (47.46)	3:01.48 (48.25)	
2	Russell, Jane E			55 Davis Aquatic Masters-38	3:03.63	3:07.05
	41.24		1:28.38 (47.14)	2:17.82 (49.44)	3:07.05 (49.23)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Women 55-59 200 SC Meter Butterfly)**

3	Walts, Merrie E	58	Santa Rosa Masters-38	3:21.16	3:16.41
	42.41	1:32.42 (50.01)	2:25.52 (53.10)	3:16.41 (50.89)	
4	Carroll, Leah A	57	Albany Armada Aquatic Masters-38	4:00.91	4:13.69
	57.85	2:04.33 (1:06.48)	3:10.06 (1:05.73)	4:13.69 (1:03.63)	
5	Focha, Teresa M	57	Modesto Area Aquatic Club-38	3:57.97	4:23.18
	1:00.20	2:08.21 (1:08.01)	3:15.79 (1:07.58)	4:23.18 (1:07.39)	

Women 55-59 100 SC Meter IM

	NATL:	1:09.08	N	1/21/2017	KARLYN PIPES	
	PAC:	1:12.90	P	12/31/2009	Laura B Val	
	WORLD:	1:09.08	W	1/21/2017	KARLYN PIPES	USA
1	Russell, Jane E	55	Davis Aquatic Masters-38	1:19.56	1:22.95	
	37.52	1:22.95 (45.43)				
2	Coffee, Cassandra	57	Nuts-38	1:40.00	1:38.82	
	46.81	1:38.82 (52.01)				
---	Martin, Joan	58	Manatee Aquatic Masters Inc-38	1:45.05	DQ	
	51.79	DQ (55.20)				

Women 55-59 200 SC Meter IM

	NATL:	2:34.05	N	4/27/2018	KARLYN PIPES	
	PAC:	2:36.98	P	12/31/2009	Laura B Val	
	WORLD:	2:31.06	W	1/28/2017	KARLYN PIPES	FRA
1	Glassman, Lucille R	55	Fremont Hills Masters-38	2:55.55	2:52.71	
	37.24	1:22.58 (45.34)	2:12.10 (49.52)	2:52.71 (40.61)		
2	Russell, Jane E	55	Davis Aquatic Masters-38	3:02.00	3:03.38	
	39.04	1:27.25 (48.21)	2:21.31 (54.06)	3:03.38 (42.07)		

Women 55-59 400 SC Meter IM

	NATL:	5:25.71	N	4/23/2017	KARLYN PIPES	
	PAC:	5:39.30	P	12/31/2009	Laura B Val	
	WORLD:	5:23.08	W	4/1/2016	LYNN MARSHALL	CAN
1	Walts, Merrie E	58	Santa Rosa Masters-38	6:18.54	6:07.73	
	39.33	1:28.17 (48.84)	2:13.91 (45.74)	2:59.69 (45.78)		
	3:51.79 (52.10)	4:45.34 (53.55)	5:26.41 (41.07)	6:07.73 (41.32)		
2	Russell, Jane E	55	Davis Aquatic Masters-38	6:14.25	6:21.78	
	40.14	1:27.50 (47.36)	2:15.42 (47.92)	3:04.08 (48.66)		
	3:59.80 (55.72)	4:56.84 (57.04)	5:40.21 (43.37)	6:21.78 (41.57)		
3	Carroll, Leah A	57	Albany Armada Aquatic Masters-38	8:40.03	8:32.64	
	55.41	1:58.64 (1:03.23)	3:00.85 (1:02.21)	4:03.92 (1:03.07)		
	5:12.26 (1:08.34)	6:21.87 (1:09.61)	7:30.27 (1:08.40)	8:32.64 (1:02.37)		
4	Focha, Teresa M	57	Modesto Area Aquatic Club-38	8:00.05	8:49.68	
	57.62	2:03.26 (1:05.64)	3:14.02 (1:10.76)	4:22.82 (1:08.80)		
	5:35.16 (1:12.34)	6:49.95 (1:14.79)	7:51.39 (1:01.44)	8:49.68 (58.29)		

Women 60-64 50 SC Meter Freestyle

	NATL:	29.23	N	12/7/2013	LAURA VAL	
	PAC:	29.23	P	12/6/2013	Laura B Val	
	WORLD:	28.50	W	5/26/2018	JENNY WHITELEY	AUS
1	Boyer, Karen L	62	Peninsula Community Center Mas-38	35.45	35.46	
2	Thomas, Elaine S	64	Mountain View Masters-38	50.00	45.24	
3	Steinberg, Ruth L	61	Menlo Masters-38	56.99	54.61	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 60-64 100 SC Meter Freestyle**

NATL: 1:03.48 N 12/5/2014 LAURA VAL

PAC: 1:03.48 P 12/7/2014 Laura B Val

WORLD: 1:03.48 W 12/5/2014 LAURA VAL USA

1	Boyer, Karen L	62	Peninsula Community Center Mas-38	1:21.82	1:24.95
	41.46				1:24.95 (43.49)

Women 60-64 200 SC Meter Freestyle

NATL: 2:20.16 N 12/4/2011 LAURA VAL

PAC: 2:20.16 P 12/4/2014 Laura B Val

WORLD: 2:20.16 W 12/4/2011 LAURA VAL USA

1	Thomas, Elaine S	64	Mountain View Masters-38	4:00.00	3:44.89
	53.04			2:49.01 (58.38)	3:44.89 (55.88)
2	Gregoriev, Maria	60	Uc38-38	4:59.22	4:57.94
	1:04.51				4:57.94 (3:53.43)

Women 60-64 400 SC Meter Freestyle

NATL: 4:53.24 N 8/24/2013 LAURA VAL

PAC: 4:53.24 P 8/24/2013 Laura B Val

WORLD: 4:53.24 W 8/24/2013 LAURA VAL USA

1	Boyer, Karen L	62	Peninsula Community Center Mas-38	6:15.96	6:24.60
	45.26			2:22.65 (48.84)	3:11.52 (48.87)
	4:00.53 (49.01)			5:38.94 (49.92)	6:24.60 (45.66)
2	Pinto, Rebecca A	63	Menlo Masters-38	6:45.93	6:46.83
	49.10			2:34.54 (52.74)	3:26.43 (51.89)
	4:18.16 (51.73)			5:58.68 (50.06)	6:46.83 (48.15)
3	Brotherton-Pleiss, Christine	60	Fremont Hills Masters-38	7:50.00	7:15.65
	50.14			2:40.10 (56.09)	3:36.40 (56.30)
	4:32.05 (55.65)			6:22.68 (55.20)	7:15.65 (52.97)
4	Steinberg, Ruth L	61	Menlo Masters-38	8:39.90	8:26.06
	55.24				1:58.71 (1:03.47)
					6:17.54 ()
					8:26.06 (2:08.52)

Women 60-64 50 SC Meter Backstroke

NATL: 33.01 N 12/8/2013 LAURA VAL

PAC: 33.01 P 12/6/2013 Laura B Val

WORLD: 33.01 W 12/8/2013 LAURA VAL USA

1	Boyer, Karen L	62	Peninsula Community Center Mas-38	41.30	43.37
2	Pinto, Rebecca A	63	Menlo Masters-38	48.92	53.46
3	Steinberg, Ruth L	61	Menlo Masters-38	1:08.85	1:06.14

Women 60-64 50 SC Meter Breaststroke

NATL: 38.87 N 12/4/2016 COLETTE CRABBE

PAC: 42.29 P 10/11/2013 Laura B Val

WORLD: 37.08 W 5/26/2018 JENNY WHITELEY AUS

1	Steinberg, Ruth L	61	Menlo Masters-38	1:08.84	1:06.37
---	-------------------	----	------------------	---------	---------

Women 60-64 200 SC Meter Breaststroke

NATL: 3:04.70 N 12/4/2016 LO KNAPP

PAC: 3:34.29 P 12/31/1994 Ann Pisciotta

WORLD: 2:57.05 W 5/26/2018 JENNY WHITELEY AUS

1	Bilich, Bonnie M	60	Walnut Creek Masters-38	3:12.00	3:16.11 P
	44.40			2:24.51 (50.40)	3:16.11 (51.60)
2	Gregoriev, Maria	60	Uc38-38	4:51.95	5:00.10
	1:07.53				2:23.40 (1:15.87)
					3:42.59 (1:19.19)
					5:00.10 (1:17.51)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 60-64 50 SC Meter Butterfly**

NATL: 32.42 N 10/6/2013 LAURA VAL
 PAC: 32.42 P 10/6/2013 Laura B Val
 WORLD: 32.42 W 10/6/2013 LAURA VAL USA

1 Pinto, Rebecca A 63 Menlo Masters-38 48.83 46.03

Women 60-64 100 SC Meter IM

NATL: 1:15.07 N 10/6/2013 LAURA VAL
 PAC: 1:15.07 P 10/6/2013 Laura B Val
 WORLD: 1:15.07 W 10/6/2013 LAURA VAL USA

1 Bilich, Bonnie M 60 Walnut Creek Masters-38 1:18.37 1:20.30
 36.98 1:20.30 (43.32)

2 Pinto, Rebecca A 63 Menlo Masters-38 1:39.51 1:45.94
 50.66 1:45.94 (55.28)

3 Thomas, Elaine S 64 Mountain View Masters-38 2:30.00 2:00.69
 58.18 2:00.69 (1:02.51)

4 Steinberg, Ruth L 61 Menlo Masters-38 2:27.00 2:18.59
 1:10.41 2:18.59 (1:08.18)

Women 60-64 200 SC Meter IM

NATL: 2:41.53 N 12/6/2013 LAURA VAL
 PAC: 2:41.53 P 12/6/2013 Laura B Val
 WORLD: 2:41.53 W 12/6/2013 LAURA VAL USA

1 Boyer, Karen L 62 Peninsula Community Center Mas-38 3:21.50 3:25.77
 46.24 1:42.17 (55.93) 2:39.32 (57.15) 3:25.77 (46.45)

2 Steinberg, Ruth L 61 Menlo Masters-38 4:53.63 4:50.75
 1:16.79 2:35.67 (1:18.88) 3:51.03 (1:15.36) 4:50.75 (59.72)

Women 60-64 400 SC Meter IM

NATL: 5:50.34 N 12/2/2017 COLETTE CRABBE
 PAC: 5:51.81 P 9/25/2011 Laura B Val
 WORLD: 5:50.34 W 12/2/2017 COLETTE CRABBE USA

1 Bilich, Bonnie M 60 Walnut Creek Masters-38 6:06.30 6:12.92
 40.23 1:27.79 (47.56) 2:14.34 (46.55) 3:00.69 (46.35)
 3:54.34 (53.65) 4:48.65 (54.31) 5:30.96 (42.31) 6:12.92 (41.96)

2 Boyer, Karen L 62 Peninsula Community Center Mas-38 7:16.87 7:26.21
 44.81 1:40.47 (55.66) 2:43.97 (1:03.50) 3:47.43 (1:03.46)
 4:46.92 (59.49) 5:49.15 (1:02.23) 6:39.33 (50.18) 7:26.21 (46.88)

3 Pinto, Rebecca A 63 Menlo Masters-38 7:55.67 7:49.45
 49.81 1:43.94 (54.13) 2:51.41 (1:07.47) 3:56.29 (1:04.88)
 5:03.32 (1:07.03) 6:09.04 (1:05.72) 7:00.81 (51.77) 7:49.45 (48.64)

Women 65-69 50 SC Meter Freestyle

NATL: 29.30 N 11/19/2016 LAURA VAL
 PAC: 29.86 P 9/25/2017 Laura B Val
 WORLD: 29.30 W 11/19/2016 LAURA VAL USA

1 Val, Laura B 67 Tamalpais Aquatic Masters-38 32.00 30.21

2 McCall, Janice 65 Fremont Hills Masters-38 1:00.00 55.84

Women 65-69 100 SC Meter Freestyle

NATL: 1:04.40 N 12/1/2017 LAURA VAL
 PAC: 1:04.40 P 12/1/2017 Laura B Val
 WORLD: 1:04.40 W 12/1/2017 LAURA VAL USA

1 Val, Laura B 67 Tamalpais Aquatic Masters-38 1:11.00 1:07.08
 32.50 1:07.08 (34.58)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Women 65-69 100 SC Meter Freestyle)**

2	Guthrie, Sally K	68	Sierra Marlins Masters-38	1:18.01	1:21.12
	38.80		1:21.12 (42.32)		
3	Latham, Kate D	66	Mountain View Masters-38	1:50.00	1:36.85
	45.75		1:36.85 (51.10)		

Women 65-69 200 SC Meter Freestyle

	NATL:	2:23.26	N	11/18/2017	LAURA VAL	
	PAC:	2:23.26	P	11/18/2017	Laura B Val	
	WORLD:	2:23.26	W	11/18/2017	LAURA VAL	USA
1	Guthrie, Sally K	68	Sierra Marlins Masters-38	2:50.71	2:53.39	
	40.67		1:24.93 (44.26)	2:09.73 (44.80)	2:53.39 (43.66)	
2	McCall, Janice	65	Fremont Hills Masters-38	5:10.00	4:46.73	
	1:02.04		2:12.21 (1:10.17)	3:34.83 (1:22.62)	4:46.73 (1:11.90)	

Women 65-69 400 SC Meter Freestyle

	NATL:	5:02.08	N	9/24/2017	LAURA VAL	
	PAC:	5:02.08	P	9/25/2017	Laura B Val	
	WORLD:	5:02.08	W	9/24/2017	LAURA VAL	USA
1	Latham, Kate D	66	Mountain View Masters-38	7:30.00	7:12.32	
	48.55		1:43.72 (55.17)	2:38.89 (55.17)	3:33.97 (55.08)	
	4:29.27 (55.30)		5:23.83 (54.56)	6:19.06 (55.23)	7:12.32 (53.26)	

Women 65-69 50 SC Meter Backstroke

	NATL:	33.99	N	12/3/2017	LAURA VAL	
	PAC:	33.99	P	12/3/2017	Laura B Val	
	WORLD:	33.99	W	12/3/2017	LAURA VAL	USA
1	Val, Laura B	67	Tamalpais Aquatic Masters-38	36.00	34.10	

Women 65-69 50 SC Meter Breaststroke

	NATL:	42.02	N	11/12/2011	DIANN UUSTAL	
	PAC:	43.22	P	10/9/2016	Laura B Val	
	WORLD:	40.90	W	5/9/2010	NOBUKO YASUDA	JPN
1	Val, Laura B	67	Tamalpais Aquatic Masters-38	46.00	44.24	

Women 65-69 50 SC Meter Butterfly

	NATL:	33.06	N	11/19/2017	LAURA VAL	
	PAC:	33.06	P	11/19/2017	Laura B Val	
	WORLD:	33.06	W	11/19/2017	LAURA VAL	USA
1	Val, Laura B	67	Tamalpais Aquatic Masters-38	35.00	34.24	
2	Latham, Kate D	66	Mountain View Masters-38	1:00.00	1:01.04	

Women 65-69 100 SC Meter IM

	NATL:	1:16.67	N	11/19/2016	LAURA VAL	
	PAC:	1:17.85	P	10/9/2016	Laura B Val	
	WORLD:	1:16.67	W	11/19/2016	LAURA VAL	USA
1	Latham, Kate D	66	Mountain View Masters-38	2:00.00	1:54.67	
	57.04		1:54.67 (57.63)			

Women 65-69 200 SC Meter IM

	NATL:	2:48.15	N	9/18/2016	LAURA VAL	
	PAC:	2:48.15	P	9/18/2016	Laura B Val	
	WORLD:	2:48.15	W	9/18/2016	LAURA VAL	USA
1	Latham, Kate D	66	Mountain View Masters-38	4:30.00	4:04.20	
	1:01.94		2:06.07 (1:04.13)	3:11.42 (1:05.35)	4:04.20 (52.78)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 70-74 400 SC Meter Freestyle**

NATL: 5:56.79 N 11/12/2016 CAROLYN BOAK

PAC: 6:27.21 P 12/31/1999 Gail Roper

WORLD: 5:50.41 W 11/15/2008 YOSHIKO OSAKI JPN

1	Barnea, Daniela	74	Stanford Masters Swimming-38	7:20.20	7:31.24
	50.01	1:46.80 (56.79)	2:45.07 (58.27)	3:43.81 (58.74)	
	4:42.62 (58.81)	5:40.47 (57.85)	6:37.58 (57.11)	7:31.24 (53.66)	

Women 70-74 50 SC Meter Backstroke

NATL: 38.21 N 12/11/2016 DIANN UUSTAL

PAC: 45.30 P 12/31/1999 Gail Roper

WORLD: 37.50 W 3/21/2015 MARGIT OHLSSON SWE

1	Barnea, Daniela	74	Stanford Masters Swimming-38	55.30	53.16
2	Hornof, Kristine T	71	Davis Aquatic Masters-38	55.14	1:01.42

Women 70-74 200 SC Meter Backstroke

NATL: 3:04.82 N 10/28/2017 DIANN UUSTAL

PAC: 3:39.87 P 9/28/2014 Daniela Barnea

WORLD: 3:04.82 W 10/28/2017 DIANN UUSTAL USA

1	Barnea, Daniela	74	Stanford Masters Swimming-38	3:45.30	3:48.11
	55.52	1:53.16 (57.64)	2:53.11 (59.95)	3:48.11 (55.00)	

Women 70-74 50 SC Meter Breaststroke

NATL: 44.22 N 11/13/2011 JOANN LEILICH

PAC: 47.29 P 12/31/2001 Ann M Hirsch

WORLD: 42.80 W 2/27/2005 SHOKO YONEZAWA JPN

1	Hornof, Kristine T	71	Davis Aquatic Masters-38	54.04	58.55
---	--------------------	----	--------------------------	-------	-------

Women 70-74 200 SC Meter Breaststroke

NATL: 3:25.76 N 3/21/2009 JOANN LEILICH

PAC: 3:44.52 P 9/28/2004 Daniela Barnea

WORLD: 3:24.57 W 1/21/2017 NOBUKO YASUDA JPN

1	Barnea, Daniela	74	Stanford Masters Swimming-38	3:45.20	3:49.23
	52.95	1:52.27 (59.32)	2:52.39 (1:00.12)	3:49.23 (56.84)	
2	Hornof, Kristine T	71	Davis Aquatic Masters-38	4:25.87	4:34.81
	59.54	2:08.30 (1:08.76)	3:22.21 (1:13.91)	4:34.81 (1:12.60)	

Women 70-74 200 SC Meter Butterfly

NATL: 3:27.16 N 11/12/2016 CAROLYN BOAK

PAC: 3:42.68 P 9/28/2014 Daniela Barnea

WORLD: 3:26.57 W 5/21/2016 CLARY MUNNS AUS

1	Barnea, Daniela	74	Stanford Masters Swimming-38	3:52.10	3:57.93
	54.52	1:58.14 (1:03.62)	3:01.48 (1:03.34)	3:57.93 (56.45)	

Women 70-74 100 SC Meter IM

NATL: 1:23.23 N 12/10/2016 DIANN UUSTAL

PAC: 1:32.23 P 12/31/2000 Gail Roper

WORLD: 1:23.23 W 12/10/2016 DIANN UUSTAL USA

1	Hornof, Kristine T	71	Davis Aquatic Masters-38	1:54.18	2:02.82
	1:03.01	2:02.82 (59.81)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 70-74 400 SC Meter IM**

NATL: 7:07.46 N 1/17/2016 MARGOT PETTIJOHN

PAC: 7:28.73 P 9/28/2014 Daniela Barnea

WORLD: 6:47.91 W 1/16/2016 BRIGITTE MERTEN GER

1 Barnea, Daniela 74 Stanford Masters Swimming-38 7:35.30 7:40.66
 52.66 1:54.21 (1:01.55) 2:54.80 (1:00.59) 3:53.88 (59.08)
 4:54.05 (1:00.17) 5:54.42 (1:00.37) 6:48.31 (53.89) 7:40.66 (52.35)

Women 75-79 50 SC Meter Freestyle

NATL: 37.24 N 12/12/2004 GAIL ROPER

PAC: 38.67 P 12/2/2017 Nancy J Ridout

WORLD: 34.58 W 6/20/2015 CHRISTEL SCHULZ GER

1 Ridout, Nancy J 76 Tamalpais Aquatic Masters-38 40.80 40.39

Women 75-79 100 SC Meter Freestyle

NATL: 1:24.31 N 10/15/2005 GAIL ROPER

PAC: 1:33.84 P 12/1/2017 Nancy J Ridout

WORLD: 1:18.59 W 3/25/2006 JANE ASHER GBR

1 Ridout, Nancy J 76 Tamalpais Aquatic Masters-38 1:35.00 1:33.32 P
 44.08 1:33.32 (49.24)

Women 75-79 200 SC Meter Freestyle

NATL: 3:07.58 N 11/20/2005 GAIL ROPER

PAC: 3:25.32 P 12/31/1998 Margery Meyer

WORLD: 2:51.65 W 1/26/2013 YOSHIKO OSAKI JPN

1 Ridout, Nancy J 76 Tamalpais Aquatic Masters-38 3:45.00 3:35.49
 49.71 1:45.14 (55.43) 2:41.54 (56.40) 3:35.49 (53.95)

Women 80-84 50 SC Meter Freestyle

NATL: 38.03 N 1/25/2009 GAIL ROPER

PAC: 41.34 P 12/31/2002 Margery Meyer

WORLD: 36.08 W 5/20/2018 YOSHIKO OSAKI JPN

1 Kay, Ann 84 Menlo Masters-38 56.00 54.92

Women 80-84 50 SC Meter Backstroke

NATL: 50.03 N 10/13/2002 MARGERY MEYER

PAC: 50.03 P 12/31/2002 Margery Meyer

WORLD: 45.24 W 2/11/2018 YOSHIKO OSAKI JPN

1 Kay, Ann 84 Menlo Masters-38 1:10.00 1:04.71

Women 80-84 200 SC Meter Backstroke

NATL: 3:59.15 N 11/22/2009 NANCY KINNEY

PAC: 4:14.53 P 12/31/2003 Margery Meyer

WORLD: 3:42.88 W 7/17/2011 JANE ASHER GBR

1 Kay, Ann 84 Menlo Masters-38 4:50.00 5:12.72
 1:11.56 2:30.98 (1:19.42) 3:55.83 (1:24.85) 5:12.72 (1:16.89)

Women 80-84 50 SC Meter Breaststroke

NATL: 52.20 N 3/21/2015 JOHNNIE DETRICK

PAC: 53.62 P 10/16/2011 Ann M Hirsch

WORLD: 46.48 W 3/8/2015 SHOKO YONEZAWA JPN

1 Flesh, Anice 82 Nuts-38 1:15.00 1:10.66

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Women 80-84 200 SC Meter Breaststroke**

NATL: 4:16.16 N 9/25/2011		ANN HIRSCH			
PAC: 4:16.16 P 9/25/2011		Ann M Hirsch			
WORLD: 3:54.35 W 2/6/2016		SHOKO YONEZAWA			JPN
1	Flesh, Anice	82	Nuts-38	5:35.00	5:31.91
	1:14.93	2:41.65 (1:26.72)	4:08.89 (1:27.24)	5:31.91 (1:23.02)	

Women 80-84 50 SC Meter Butterfly

NATL: 48.85 N 5/16/2009		GAIL ROPER			
PAC: 58.34 P 8/20/2011		Ann M Hirsch			
WORLD: 45.57 W 4/9/2011		JANE ASHER			GBR
1	Flesh, Anice	82	Nuts-38	1:20.00	1:23.44

Women 80-84 100 SC Meter IM

NATL: 1:44.95 N 5/16/2009		GAIL ROPER			
PAC: 1:57.48 P 8/20/2011		Ann M Hirsch			
WORLD: 1:38.45 W 1/20/2018		YOSHIKO OSAKI			JPN
1	Flesh, Anice	82	Nuts-38	2:30.00	2:33.55
	1:21.20	2:33.55 (1:12.35)			

Women 90-94 50 SC Meter Freestyle

NATL: 53.46 N 11/4/2017		JEAN TROY			
PAC: 1:39.07 P 12/31/2009		Audrey H Etienne			
WORLD: 49.09 W 2/5/2017		MIEKO KAMOSHITA			JPN
1	Damele, Yvonne	90	Menlo Masters-38	1:44.17	1:45.35

Men 18-24 50 SC Meter Freestyle

NATL: 21.38 N 12/11/2005		NICK BRUNELLI			
PAC: 23.00 P 10/12/2014		Kevin Ferguson			
1	Levander, Arvid	20	Los Altos Mountain View Master-38	26.00	27.00
2	Tang, Allen	22	Menlo Masters-38	27.84	27.25
3	Kosminskii, Maksim	21	Los Altos Mountain View Master-38	28.00	28.73

Men 18-24 100 SC Meter Freestyle

NATL: 48.00 N 12/11/2005		NICK BRUNELLI			
PAC: 51.76 P 10/12/2014		Kevin Ferguson			
1	Levander, Arvid	20	Los Altos Mountain View Master-38	56.00	1:03.10
	29.19	1:03.10 (33.91)			
2	Kosminskii, Maksim	21	Los Altos Mountain View Master-38	1:01.00	1:04.62
	31.20	1:04.62 (33.42)			

Men 18-24 50 SC Meter Breaststroke

NATL: 27.83 N 11/21/2009		GREGOR PLEVELJ			
PAC: 28.79 P 11/23/2013		Robert Lovelace			
1	Tang, Allen	22	Menlo Masters-38	33.52	33.63
2	Kosminskii, Maksim	21	Los Altos Mountain View Master-38	35.00	35.05

Men 18-24 200 SC Meter Breaststroke

NATL: 2:12.70 N 11/19/2017		THIBAUT CAPITAINE			
PAC: 2:14.40 P 9/18/2016		Chuck Katis			
1	Huynh, Justin	24	Fremont Hills Masters-38	3:00.00	2:46.59
	36.80	1:19.20 (42.40)	2:02.98 (43.78)	2:46.59 (43.61)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 18-24 50 SC Meter Butterfly**

NATL: 23.96 N 11/6/2016		RUNAR BORGEN			
PAC: 22.57 P 12/7/2004		Thomas A Shields			
1	Tang, Allen	22	Menlo Masters-38	29.36	29.81
2	Levander, Arvid	20	Los Altos Mountain View Master-38	27.00	30.50

Men 18-24 100 SC Meter IM

NATL: 55.71 N 10/29/2011		EUGENE GODSOE			
PAC: 56.82 P 11/24/2013		Robert Lovelace			
1	Huynh, Justin	24	Fremont Hills Masters-38	1:30.00	1:09.40
	32.55		1:09.40 (36.85)		
2	Tang, Allen	22	Menlo Masters-38	1:11.38	1:14.95
	36.20		1:14.95 (38.75)		

Men 18-24 200 SC Meter IM

NATL: 2:00.32 N 12/11/2005		NICK BRUNELLI			
PAC: 2:08.44 P 11/23/2013		Robert Lovelace			
1	Levander, Arvid	20	Los Altos Mountain View Master-38	2:24.00	2:40.82
	31.58		1:16.01 (44.43)	2:04.91 (48.90)	2:40.82 (35.91)
2	Kosminskii, Maksim	21	Los Altos Mountain View Master-38	2:27.00	2:43.87
	36.81		1:21.69 (44.88)	2:05.06 (43.37)	2:43.87 (38.81)

Men 25-29 50 SC Meter Freestyle

NATL: 21.37 N 11/15/2014		CESAR CIELO			
PAC: 22.81 P 12/31/2002		Scott C Greenwood			
WORLD: 21.37 W 11/15/2014		CESAR CIELO		USA	
1	Frederick, Aaron D	25	Stanford Masters Swimming-38	26.32	26.55
2	Rossbach, Alexander S	28	Albany Armada Aquatic Masters-38	30.00	28.55

Men 25-29 100 SC Meter Freestyle

NATL: 47.43 N 11/16/2014		CESAR CIELO			
PAC: 51.94 P 9/22/2013		Tim R Watts			
WORLD: 47.43 W 11/16/2014		CESAR CIELO		USA	
1	Rossbach, Alexander S	28	Albany Armada Aquatic Masters-38	59.00	1:02.23
	30.89		1:02.23 (31.34)		

Men 25-29 200 SC Meter Freestyle

NATL: 1:44.90 N 11/3/2013		DARIAN TOWNSEND			
PAC: 1:48.81 P 12/31/1995		John Keppeler			
WORLD: 1:44.90 W 11/3/2013		DARIAN TOWNSEND		USA	
1	Frederick, Aaron D	25	Stanford Masters Swimming-38	2:05.75	2:08.91
	29.58		1:01.77 (32.19)	1:34.98 (33.21)	2:08.91 (33.93)
2	Rossbach, Alexander S	28	Albany Armada Aquatic Masters-38	2:10.00	2:16.57
	31.86		1:05.43 (33.57)	1:40.31 (34.88)	2:16.57 (36.26)

Men 25-29 400 SC Meter Freestyle

NATL: 3:57.03 N 12/14/2013		ERIC NILSSON			
PAC: 4:04.26 P 12/31/2002		Nate Moore			
WORLD: 3:53.60 W 3/16/2007		SYLVAIN CROS		FRA	
1	Wrist, Andrew H	26	Mountain View Masters-38	4:29.01	4:37.07
	31.55		1:05.73 (34.18)	1:40.86 (35.13)	2:16.19 (35.33)
	2:51.08 (34.89)		3:26.75 (35.67)	4:02.44 (35.69)	4:37.07 (34.63)
2	Rossbach, Alexander S	28	Albany Armada Aquatic Masters-38	4:50.00	4:55.15
	34.03		1:10.44 (36.41)	1:48.21 (37.77)	2:26.33 (38.12)
	3:04.65 (38.32)		3:42.93 (38.28)	4:20.83 (37.90)	4:55.15 (34.32)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 25-29 400 SC Meter Freestyle)**

3	Thomas, Michael R	26	Uc38-38	5:05.02	5:11.86
	34.18	1:13.21 (39.03)	1:52.97 (39.76)	2:33.41 (40.44)	
	3:13.92 (40.51)	3:54.86 (40.94)	4:34.12 (39.26)	5:11.86 (37.74)	
4	Green, Zachary Y	29	Mountain View Masters-38	7:00.00	6:04.87
	40.17	1:25.05 (44.88)	2:12.46 (47.41)	3:00.30 (47.84)	
	3:48.80 (48.50)	4:36.37 (47.57)	5:23.45 (47.08)	6:04.87 (41.42)	

Men 25-29 50 SC Meter Backstroke

	NATL:	24.55	N	11/3/2013	DARIAN TOWNSEND	
	PAC:	25.67	P	9/22/2013	Tim R Watts	
	WORLD:	24.55	W	11/3/2013	DARIAN TOWNSEND	USA
1	Garcia, Wilfred R	28	Mountain View Masters-38	28.00	28.41	

Men 25-29 200 SC Meter Backstroke

	NATL:	2:01.34	N	11/13/2016	JAN KONARZEWSKI	
	PAC:	2:02.63	P	12/31/1995	John Keppeler	
	WORLD:	1:56.22	W	12/16/2006	STEFAN HERBST	GER
1	Garcia, Wilfred R	28	Mountain View Masters-38	2:10.00	2:14.74	
	32.24	1:06.39 (34.15)	1:40.47 (34.08)	2:14.74 (34.27)		
2	Wrist, Andrew H	26	Mountain View Masters-38	2:24.01	2:32.56	
	35.90	1:14.11 (38.21)	1:53.52 (39.41)	2:32.56 (39.04)		
3	Thomas, Michael R	26	Uc38-38	2:42.35	2:45.13	
	39.01	1:20.76 (41.75)	2:03.70 (42.94)	2:45.13 (41.43)		
4	Green, Zachary Y	29	Mountain View Masters-38	3:10.00	2:53.40	
	41.79	1:26.33 (44.54)	2:11.27 (44.94)	2:53.40 (42.13)		

Men 25-29 200 SC Meter Breaststroke

	NATL:	2:11.26	N	1/17/2014	MARCUS TITUS	
	PAC:	2:06.24	P	12/7/2014	BJ Johnson	
	WORLD:	2:10.68	W	11/17/2013	RYO KOBAYASHI	JPN
1	Wrist, Andrew H	26	Mountain View Masters-38	2:39.01	2:44.98	
	37.96	1:20.13 (42.17)	2:03.10 (42.97)	2:44.98 (41.88)		
2	Green, Zachary Y	29	Mountain View Masters-38	3:10.00	3:00.01	
	41.64	1:27.95 (46.31)	2:14.80 (46.85)	3:00.01 (45.21)		
3	Thomas, Michael R	26	Uc38-38	2:57.03	3:03.24	
	41.52	1:28.11 (46.59)	2:16.49 (48.38)	3:03.24 (46.75)		

Men 25-29 200 SC Meter Butterfly

	NATL:	2:02.97	N	12/10/2017	DREW MODROV	
	PAC:	2:15.98	P	9/2/2013	Gary J Mullen	
	WORLD:	1:58.87	W	3/19/2016	TAKATSUGU OGA	JPN
1	Fischer, Brandon J	29	Uc38-38	2:15.00	2:13.42P	
	30.06	1:05.07 (35.01)	1:39.05 (33.98)	2:13.42 (34.37)		
2	Wrist, Andrew H	26	Mountain View Masters-38	2:19.01	2:31.90	
	33.36	1:11.45 (38.09)	1:52.09 (40.64)	2:31.90 (39.81)		
3	Thomas, Michael R	26	Uc38-38	2:48.99	2:50.44	
	36.72	1:20.40 (43.68)	2:05.28 (44.88)	2:50.44 (45.16)		
4	Green, Zachary Y	29	Mountain View Masters-38	4:00.00	3:03.49	
	39.66	1:25.31 (45.65)	2:14.69 (49.38)	3:03.49 (48.80)		

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 25-29 100 SC Meter IM**

	NATL:	53.47	N	11/3/2013	DARIAN TOWNSEND		
	PAC:	56.39	P	9/25/2011	FRANK ZIO		
	WORLD:	53.47	W	11/3/2013	DARIAN TOWNSEND	USA	
1	Frederick, Aaron D	25	Stanford Masters Swimming-38	1:08.64		1:06.14	
	31.14		1:06.14 (35.00)				
2	Rossbach, Alexander S	28	Albany Armada Aquatic Masters-38	1:15.00		1:11.72	
	33.15		1:11.72 (38.57)				

Men 25-29 200 SC Meter IM

	NATL:	1:59.79	N	10/13/2013	ADAM RITTER		
	PAC:	2:05.93	P	12/31/1995	Jon Keppeler		
	WORLD:	1:59.70	W	1/31/2010	K.GILCHRIST	FRA	
1	Fischer, Brandon J	29	Uc38-38	2:00.00		2:11.70	
	29.06		1:04.57 (35.51)	1:39.91 (35.34)	2:11.70 (31.79)		
2	Thomas, Michael R	26	Uc38-38	2:35.39		2:38.66	
	34.68		1:17.13 (42.45)	2:02.71 (45.58)	2:38.66 (35.95)		

Men 25-29 400 SC Meter IM

	NATL:	4:26.79	N	12/10/1995	JOHN KEPPELER		
	PAC:	4:26.79	P	12/31/1995	John Keppeler		
	WORLD:	4:14.51	W	11/15/2009	IKUMI HASEGAWA	JPN	
1	Fischer, Brandon J	29	Uc38-38	4:15.00		4:39.57	
	29.15		1:02.74 (33.59)	1:41.73 (38.99)	2:18.34 (36.61)		
	2:57.87 (39.53)		3:36.25 (38.38)	4:07.95 (31.70)	4:39.57 (31.62)		
2	Wrist, Andrew H	26	Mountain View Masters-38	4:59.01		5:07.75	
	32.62		1:10.61 (37.99)	1:50.33 (39.72)	2:28.68 (38.35)		
	3:13.17 (44.49)		3:58.49 (45.32)	4:33.47 (34.98)	5:07.75 (34.28)		
3	Thomas, Michael R	26	Uc38-38	5:46.06		5:56.90	
	38.03		1:23.95 (45.92)	2:11.08 (47.13)	2:57.28 (46.20)		
	3:47.36 (50.08)		4:37.59 (50.23)	5:18.59 (41.00)	5:56.90 (38.31)		
4	Green, Zachary Y	29	Mountain View Masters-38	6:10.00		6:06.83	
	37.71		1:21.76 (44.05)	2:09.45 (47.69)	2:57.16 (47.71)		
	3:46.22 (49.06)		4:37.55 (51.33)	5:23.34 (45.79)	6:06.83 (43.49)		

Men 30-34 50 SC Meter Freestyle

	NATL:	21.91	N	11/13/2016	DARIAN TOWNSEND		
	PAC:	22.39	P	10/16/2011	Anthony L Ervin		
	WORLD:	21.59	W	11/28/2015	EVGENIY LAGUNOV	RUS	
1	Law, David	33	Manatee Aquatic Masters Inc-38	28.60		28.63	
2	Pereira, Ed	33	Mountain View Masters-38	29.11		28.83	

Men 30-34 100 SC Meter Freestyle

	NATL:	48.08	N	9/27/2014	DARIAN TOWNSEND		
	PAC:	50.35	P	9/25/2011	Anthony L Ervin		
	WORLD:	47.29	W	11/27/2015	EVGENIY LAGUNOV	RUS	
1	Pereira, Ed	33	Mountain View Masters-38	1:05.56		1:04.49	
	31.55		1:04.49 (32.94)				
2	Freeman, Mike	32	Rose Bowl Masters-33	1:03.17		1:06.74	
	32.06		1:06.74 (34.68)				

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 30-34 200 SC Meter Freestyle**

NATL:		1:46.12	N	9/27/2014	DARIAN TOWNSEND		
PAC:		1:52.04	P	12/31/1999	John Keppeler		
WORLD:		1:46.12	W	9/27/2014	DARIAN TOWNSEND		USA
1	Law, David				33 Manatee Aquatic Masters Inc-38	2:23.28	2:20.52
		32.14		1:08.50 (36.36)	1:45.12 (36.62)	2:20.52 (35.40)	
2	Zeigle, Alex				34 Mountain View Masters-38	2:25.00	2:24.23
		33.90		1:11.33 (37.43)	1:47.23 (35.90)	2:24.23 (37.00)	
3	Freeman, Mike				32 Rose Bowl Masters-33	2:26.58	2:28.75
		34.13		1:11.38 (37.25)	1:49.26 (37.88)	2:28.75 (39.49)	

Men 30-34 400 SC Meter Freestyle

NATL:		3:57.47	N	10/4/2009	TAMAS KEREKJARTO		
PAC:		4:11.37	P	10/18/2009	Clayton P Jones		
WORLD:		3:51.97	W	11/29/2014	YURY UFIMTSEV		RUS
1	Zeigle, Alex				34 Mountain View Masters-38	5:25.00	5:03.54
		35.65		1:14.75 (39.10)	1:53.73 (38.98)	2:32.29 (38.56)	
		3:10.83 (38.54)		3:49.46 (38.63)	4:27.22 (37.76)	5:03.54 (36.32)	
2	Law, David				33 Manatee Aquatic Masters Inc-38	5:09.30	5:07.01
		33.93		1:12.05 (38.12)	1:51.33 (39.28)	2:30.88 (39.55)	
		3:10.07 (39.19)		3:49.45 (39.38)	4:28.87 (39.42)	5:07.01 (38.14)	

Men 30-34 50 SC Meter Backstroke

NATL:		24.75	N	11/12/2016	DARIAN TOWNSEND		
PAC:		27.63	P	12/31/2008	Andrew S Dennis		
WORLD:		23.86	W	5/7/2017	NELSON SILVA Jr.		BRA
1	Pereira, Ed				33 Mountain View Masters-38	34.00	34.10
2	Weber, Daniel				33 Ruby Hill Aquatics Club-38	35.00	40.66

Men 30-34 200 SC Meter Backstroke

NATL:		1:55.46	N	11/1/2009	DERYA BUYUKUNCU		
PAC:		2:02.91	P	12/31/1999	John Keppeler		
WORLD:		1:55.46	W	11/1/2009	DERYA BUYUKUNCU		USA
1	Pereira, Ed				33 Mountain View Masters-38	2:50.50	2:41.58
		38.46		1:20.43 (41.97)	2:02.46 (42.03)	2:41.58 (39.12)	

Men 30-34 50 SC Meter Breaststroke

NATL:		28.01	N	12/7/2008	JEFF COMMINGS		
PAC:		28.81	P	12/31/2007	Jeff Commings		
WORLD:		26.72	W	5/5/2018	FELIPE LIMA		BRA
1	Law, David				33 Manatee Aquatic Masters Inc-38	36.20	36.02
2	Weber, Daniel				33 Ruby Hill Aquatics Club-38	37.00	42.69

Men 30-34 200 SC Meter Breaststroke

NATL:		2:17.56	N	12/12/1999	ROQUE SANTOS		
PAC:		2:17.56	P	12/31/1999	Roque J Santos		
WORLD:		2:12.54	W	12/6/2015	RYO KOBAYASHI		JPN
1	Freeman, Mike				32 Rose Bowl Masters-33	3:08.70	3:14.21
		42.25		1:31.37 (49.12)	2:22.01 (50.64)	3:14.21 (52.20)	
2	Weber, Daniel				33 Ruby Hill Aquatics Club-38	2:50.00	3:15.27
		43.45		1:32.47 (49.02)	2:23.53 (51.06)	3:15.27 (51.74)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 30-34 100 SC Meter IM**

NATL:		53.28	N	11/13/2016	DARIAN TOWNSEND		
PAC:		57.28	P	9/25/2011	Anthony L Ervin		
WORLD:		53.28	W	11/13/2016	DARIAN TOWNSEND	USA	
1	Pereira, Ed			33	Mountain View Masters-38	1:14.50	1:13.86
		32.76					1:13.86 (41.10)
2	Law, David			33	Manatee Aquatic Masters Inc-38	1:14.10	1:14.32
		34.46					1:14.32 (39.86)
3	Freeman, Mike			32	Rose Bowl Masters-33	1:13.76	1:16.97
		34.96					1:16.97 (42.01)
4	Weber, Daniel			33	Ruby Hill Aquatics Club-38	1:25.00	1:25.95
		41.95					1:25.95 (44.00)

Men 30-34 200 SC Meter IM

NATL:		1:56.96	N	11/13/2016	DARIAN TOWNSEND		
PAC:		2:06.32	P	12/31/1999	Roque J Santos		
WORLD:		1:56.96	W	11/13/2016	DARIAN TOWNSEND	USA	
1	Law, David			33	Manatee Aquatic Masters Inc-38	2:49.50	2:51.30
		34.52					1:24.03 (49.51) 2:13.17 (49.14) 2:51.30 (38.13)
2	Freeman, Mike			32	Rose Bowl Masters-33	2:45.87	2:54.12
		36.50					1:23.31 (46.81) 2:13.64 (50.33) 2:54.12 (40.48)

Men 30-34 400 SC Meter IM

NATL:		4:13.68	N	10/31/2015	DARIAN TOWNSEND		
PAC:		4:26.74	P	12/31/1999	Roque J Santos		
WORLD:		4:16.06	W	11/12/2016	DARIAN TOWNSEND	USA	
1	Pereira, Ed			33	Mountain View Masters-38	6:05.00	5:53.86
		35.68					1:19.42 (43.74) 2:04.14 (44.72) 2:48.37 (44.23)
		3:41.21 (52.84)					4:35.06 (53.85) 5:15.38 (40.32) 5:53.86 (38.48)

Men 35-39 50 SC Meter Freestyle

NATL:		22.73	N	12/5/2009	FELIPE DELGADO		
PAC:		23.54	P	12/31/2009	Scott C Greenwood		
WORLD:		21.53	W	10/27/2007	MARK FOSTER	GBR	
1	Roper, Matt			37	Davis Aquatic Masters-38	27.16	27.53
2	Song, James C			35	Marcia's Enthusiastic Masters-38	30.84	31.01

Men 35-39 100 SC Meter Freestyle

NATL:		50.72	N	11/6/2009	MICHAEL PICOTTE		
PAC:		53.62	P	12/31/2003	John Keppeler		
WORLD:		49.53	W	3/19/2000	JOHN MIRANDA	SWE	
1	Song, James C			35	Marcia's Enthusiastic Masters-38	1:09.43	1:09.02
		34.28					1:09.02 (34.74)
2	Ecklund, Tait C			37	Rose Bowl Masters-33	1:14.98	1:15.71
		35.73					1:15.71 (39.98)

Men 35-39 200 SC Meter Freestyle

NATL:		1:51.31	N	12/14/2003	ERIK HOCHSTEIN		
PAC:		1:56.74	P	12/31/2003	Terry Debiase		
WORLD:		1:51.31	W	12/14/2003	ERIK HOCHSTEIN	USA	
1	Kerekjarto, Tamas			39	Club Hot Tub-38	1:59.20	1:58.74
		27.40					57.65 (30.25) 1:28.30 (30.65) 1:58.74 (30.44)
2	Song, James C			35	Marcia's Enthusiastic Masters-38	2:34.60	2:30.62
		35.02					1:12.33 (37.31) 1:50.92 (38.59) 2:30.62 (39.70)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 35-39 50 SC Meter Backstroke**

NATL: 25.72 N 10/18/2009 EDILSON SILVA
 PAC: 27.92 P 12/31/2003 John Keppeler
 WORLD: 25.68 W 3/5/2017 KENTA YAMANOI JPN

1 Roper, Matt 37 Davis Aquatic Masters-38 30.99 31.82

Men 35-39 50 SC Meter Breaststroke

NATL: 27.79 N 12/6/2009 JEFF COMMINGS
 PAC: 30.70 P 12/31/2008 Jonathan T Manson
 WORLD: 27.32 W 11/18/2016 SERGEY GEYBEL RUS

1 Roper, Matt 37 Davis Aquatic Masters-38 34.11 34.13
 2 Song, James C 35 Marcia's Enthusiastic Masters-38 37.27 37.20

Men 35-39 200 SC Meter Breaststroke

NATL: 2:15.64 N 12/4/2011 STEVE WEST
 PAC: 2:24.58 P 12/31/2002 Roque J Santos
 WORLD: 2:15.42 W 3/16/2014 KAZUYA KOIKE JPN

1 Ecklund, Tait C 37 Rose Bowl Masters-33 2:41.20 2:45.14
 38.38 1:21.20 (42.82) 2:03.43 (42.23) 2:45.14 (41.71)
 2 Song, James C 35 Marcia's Enthusiastic Masters-38 2:53.45 2:51.54
 40.72 1:24.41 (43.69) 2:08.36 (43.95) 2:51.54 (43.18)

Men 35-39 50 SC Meter Butterfly

NATL: 24.87 N 12/1/2012 GLENN COUNTS
 PAC: 25.82 P 12/31/2009 Lee G Wanie
 WORLD: 23.72 W 3/20/2011 LARS FROLANDER SWE

1 Roper, Matt 37 Davis Aquatic Masters-38 28.90 29.62

Men 35-39 100 SC Meter IM

NATL: 56.36 N 12/2/2012 GLENN COUNTS
 PAC: 1:01.59 P 10/21/2007 Roque J Santos
 WORLD: 56.36 W 12/2/2012 GLENN COUNTS USA

1 Roper, Matt 37 Davis Aquatic Masters-38 1:06.36 1:05.86
 30.15 1:05.86 (35.71)
 2 Song, James C 35 Marcia's Enthusiastic Masters-38 1:23.79 1:19.92
 40.53 1:19.92 (39.39)

Men 35-39 200 SC Meter IM

NATL: 2:03.29 N 12/8/2002 RONALD KARNAUGH
 PAC: 2:12.47 P 12/31/2005 Roque J Santos
 WORLD: 2:03.29 W 12/8/2002 RON KARNAUGH USA

1 Ecklund, Tait C 37 Rose Bowl Masters-33 2:24.50 2:28.77
 31.68 1:12.28 (40.60) 1:53.85 (41.57) 2:28.77 (34.92)

Men 35-39 400 SC Meter IM

NATL: 4:24.36 N 12/7/2003 RONALD KARNAUGH
 PAC: 4:41.94 P 12/31/2006 Roque J Santos
 WORLD: 4:24.36 W 12/7/2003 RON KARNAUGH USA

1 Kerekjarto, Tamas 39 Club Hot Tub-38 5:45.30 4:41.23 P
 28.02 1:01.10 (33.08) 1:35.89 (34.79) 2:11.03 (35.14)
 2:51.35 (40.32) 3:32.93 (41.58) 4:07.00 (34.07) 4:41.23 (34.23)
 2 Ecklund, Tait C 37 Rose Bowl Masters-33 5:14.34 5:15.15
 33.88 1:12.97 (39.09) 1:56.76 (43.79) 2:39.01 (42.25)
 3:22.14 (43.13) 4:05.73 (43.59) 4:41.06 (35.33) 5:15.15 (34.09)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 35-39 400 SC Meter IM)**

3	Roper, Matt	37	Davis Aquatic Masters-38	5:20.00	5:20.75
	33.02	1:11.25 (38.23)	1:51.10 (39.85)	2:31.08 (39.98)	
	3:18.94 (47.86)	4:07.11 (48.17)	4:43.70 (36.59)	5:20.75 (37.05)	

Men 40-44 400 SC Meter Freestyle

	NATL:	4:01.32	N	10/4/2009	ERIK HOCHSTEIN	
	PAC:	4:13.84	P	10/11/2004	Geoff Glaser	
	WORLD:	4:00.67	W	11/7/2004	KAI DITZEL	GER
1	Jepson, Linc	44	Mountain View Masters-38	6:40.00	6:24.75	
	41.41	1:29.29 (47.88)	2:18.73 (49.44)	3:09.98 (51.25)		
	4:00.80 (50.82)	4:51.64 (50.84)	5:40.15 (48.51)	6:24.75 (44.60)		

Men 40-44 200 SC Meter Backstroke

	NATL:	2:03.84	N	12/14/2008	MICHAEL ROSS	
	PAC:	2:10.20	P	10/18/2009	Roque J Santos	
	WORLD:	2:03.84	W	12/14/2008	MICHAEL ROSS	USA
1	Jepson, Linc	44	Mountain View Masters-38	4:04.00	3:44.27	
	53.55	1:51.29 (57.74)	2:49.57 (58.28)	3:44.27 (54.70)		

Men 40-44 200 SC Meter Breaststroke

	NATL:	2:13.72	N	12/7/2014	STEVE WEST	
	PAC:	2:16.03	P	12/31/2009	Roque J Santos	
	WORLD:	2:13.72	W	12/7/2014	STEVE WEST	USA
1	Jepson, Linc	44	Mountain View Masters-38	3:50.00	3:40.61	
	47.38	1:45.02 (57.64)	2:43.86 (58.84)	3:40.61 (56.75)		

Men 40-44 200 SC Meter Butterfly

	NATL:	2:02.97	N	10/11/1998	WILLIAM SPECHT	
	PAC:	2:15.28	P	10/11/2007	Darren D Phalen	
	WORLD:	2:02.97	W	10/11/1998	WILLIAM SPECHT	USA
1	Jepson, Linc	44	Mountain View Masters-38	3:30.00	3:41.50	
	44.50	1:38.13 (53.63)	2:36.63 (58.50)	3:41.50 (1:04.87)		

Men 40-44 400 SC Meter IM

	NATL:	4:30.68	N	10/10/2014	ERIC CHRISTENSEN	
	PAC:	4:32.05	P	10/11/2008	Roque J Santos	
	WORLD:	4:30.68	W	10/10/2014	ERIC CHRISTENSEN	USA
1	Jepson, Linc	44	Mountain View Masters-38	7:07.00	7:18.07	
	44.87	1:38.79 (53.92)	2:40.93 (1:02.14)	3:39.50 (58.57)		
	4:39.88 (1:00.38)	5:41.46 (1:01.58)	6:31.24 (49.78)	7:18.07 (46.83)		

Men 45-49 50 SC Meter Freestyle

	NATL:	23.58	N	11/13/2016	SIPHIWE BALEKA	
	PAC:	24.67	P	12/31/2008	David E Boatwrigth	
	WORLD:	23.29	W	5/7/2016	JOAKIM HOLMQUIST	SWE
1	Mills, Jonny	48	Fremont Hills Masters-38	26.00	26.37	
2	Crookston, Blair	48	Mountain View Masters-38	28.44	27.92	
3	Wehmann, Todd	46	Marcia's Enthusiastic Masters-38	30.00	29.18	
4	Finlay, David J	47	Mountain View Masters-38	36.00	35.72	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 45-49 100 SC Meter Freestyle**

NATL:		52.54	N	12/2/2007	PAUL SMITH		
PAC:		53.76	P	12/31/2006	David E Boatwright		
WORLD:		51.30	W	3/10/2012	NICOLAS GRANGER	FRA	
1	Mills, Jonny	48	Fremont Hills Masters-38	1:02.16	59.87		
		27.62	59.87 (32.25)				
2	Crookston, Blair	48	Mountain View Masters-38	1:04.85	1:03.00		
		29.45	1:03.00 (33.55)				
3	Wehmann, Todd	46	Marcia's Enthusiastic Masters-38	1:08.19	1:06.36		
		32.19	1:06.36 (34.17)				
4	Lehnert, Ahren E	45	Marcia's Enthusiastic Masters-38	1:15.46	1:16.04		
		38.05	1:16.04 (37.99)				
5	Finlay, David J	47	Mountain View Masters-38	1:20.00	1:20.63		
		38.42	1:20.63 (42.21)				

Men 45-49 200 SC Meter Freestyle

NATL:		1:56.00	N	12/2/2007	PAUL SMITH		
PAC:		2:00.13	P	12/31/1996	Tim Broderick		
WORLD:		1:52.87	W	3/9/2012	NICOLAS GRANGER	FRA	
1	Wehmann, Todd	46	Marcia's Enthusiastic Masters-38	2:38.28	2:30.27		
		36.09	1:14.55 (38.46)	1:53.15 (38.60)	2:30.27 (37.12)		
2	Hong, Jimmy	49	Fremont Hills Masters-38	2:25.00	2:33.38		
		34.46	1:11.87 (37.41)	1:51.78 (39.91)	2:33.38 (41.60)		
3	Lehnert, Ahren E	45	Marcia's Enthusiastic Masters-38	2:49.63	2:45.39		
		38.38	1:22.07 (43.69)	2:04.54 (42.47)	2:45.39 (40.85)		
4	Finlay, David J	47	Mountain View Masters-38	3:00.00	2:58.80		
		37.88	1:21.57 (43.69)	2:09.21 (47.64)	2:58.80 (49.59)		

Men 45-49 400 SC Meter Freestyle

NATL:		4:09.19	N	11/1/2009	KEITH SWITZER		
PAC:		4:18.44	P	12/31/1996	Tim Broderick		
WORLD:		4:03.10	W	4/18/2015	FABIO CALMASINI	ITA	
1	Lehnert, Ahren E	45	Marcia's Enthusiastic Masters-38	6:16.39	5:56.12		
		40.41	1:25.57 (45.16)	2:12.20 (46.63)	2:59.50 (47.30)		
		3:45.14 (45.64)	4:30.24 (45.10)	5:14.41 (44.17)	5:56.12 (41.71)		

Men 45-49 50 SC Meter Backstroke

NATL:		27.02	N	12/12/2009	CHRIS STEVENSON		
PAC:		29.78	P	10/9/2016	Rick M Hamilton		
WORLD:		26.60	W	3/26/2017	DANIEL LONNBERG	SWE	
1	Wehmann, Todd	46	Marcia's Enthusiastic Masters-38	37.61	36.18		

Men 45-49 50 SC Meter Breaststroke

NATL:		28.88	N	10/12/2013	TODD TORRES		
PAC:		31.24	P	12/31/2001	Lee A Rider		
WORLD:		28.83	W	5/20/2018	HIDEAKI TOGO	JPN	
1	Hong, Jimmy	49	Fremont Hills Masters-38	40.00	38.73		
2	J-Cheng, Manus	49	Fremont Hills Masters-38	46.86	48.85		

Men 45-49 200 SC Meter Breaststroke

NATL:		2:16.12	N	12/3/2017	STEVE WEST		
PAC:		2:33.54	P	10/10/2015	Roque J Santos		
WORLD:		2:16.12	W	12/3/2017	STEVE WEST	USA	
1	Lehnert, Ahren E	45	Marcia's Enthusiastic Masters-38	3:39.80	3:29.06		
		48.89	1:43.88 (54.99)	2:38.45 (54.57)	3:29.06 (50.61)		

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 45-49 50 SC Meter Butterfly**

NATL:	25.74	N	12/13/2009	FRITZ BEDFORD		
PAC:	26.65	P	10/2/2011	Matt Jones		
WORLD:	24.38	W	3/19/2017	EIJI NOMURA	JPN	
1	Wehmann, Todd		46	Marcia's Enthusiastic Masters-38	37.47	35.03

Men 45-49 100 SC Meter IM

NATL:	1:00.09	N	11/13/2016	SIPHIWE BALEKA		
PAC:	1:03.29	P	10/10/2015	Roque J Santos		
WORLD:	57.68	W	3/9/2012	NICOLAS GRANGER	FRA	
1	Wehmann, Todd		46	Marcia's Enthusiastic Masters-38	1:20.00	1:19.04
	37.14			1:19.04 (41.90)		
2	Lehnert, Ahren E		45	Marcia's Enthusiastic Masters-38	1:35.39	1:32.25
	45.87			1:32.25 (46.38)		
---	Mills, Jonny		48	Fremont Hills Masters-38	1:23.00	DQ
	34.02			DQ (40.88)		

Men 45-49 200 SC Meter IM

NATL:	2:09.71	N	3/20/2010	JEROME FRENTSOS		
PAC:	2:17.74	P	12/6/2015	Rick M Hamilton		
WORLD:	2:04.64	W	3/8/2012	NICOLAS GRANGER	FRA	
1	Hong, Jimmy		49	Fremont Hills Masters-38	3:00.00	2:56.68
	36.90			1:24.15 (47.25) 2:16.25 (52.10)	2:56.68 (40.43)	

Men 50-54 50 SC Meter Freestyle

NATL:	23.38	N	10/18/2009	ROWDY GAINES		
PAC:	25.53	P	12/31/2003	Thomas W Whatley		
WORLD:	23.38	W	10/18/2009	ROWDY GAINES	USA	
1	Kudva, Sisir		50	Fremont Hills Masters-38	50.00	34.85
2	Quinton, Colin		54	Menlo Masters-38	44.00	37.57

Men 50-54 100 SC Meter Freestyle

NATL:	51.61	N	10/17/2009	ROWDY GAINES		
PAC:	56.67	P	12/31/2003	Richard S Garrett		
WORLD:	51.49	W	3/26/2017	NICOLAS GRANGER	FRA	
1	Quinton, Colin		54	Menlo Masters-38	1:24.00	1:23.62
	39.10			1:23.62 (44.52)		

Men 50-54 200 SC Meter Freestyle

NATL:	1:54.61	N	10/14/2011	ROWDY GAINES		
PAC:	2:05.03	P	3/9/2014	Darren D Phalen		
WORLD:	1:54.61	W	10/14/2011	AMBROSE GAINES	USA	
1	Cocca, Christopher D		53	Menlo Masters-38	2:36.39	2:38.15
	37.87			1:17.76 (39.89) 1:57.63 (39.87)	2:38.15 (40.52)	
2	Kudva, Sisir		50	Fremont Hills Masters-38	3:15.00	3:02.91
	37.84			1:23.33 (45.49) 2:14.35 (51.02)	3:02.91 (48.56)	
3	Quinton, Colin		54	Menlo Masters-38	2:46.00	3:07.97
	40.60			1:27.76 (47.16) 2:17.64 (49.88)	3:07.97 (50.33)	

Men 50-54 400 SC Meter Freestyle

NATL:	4:07.99	N	12/10/2000	JIM MCCONICA		
PAC:	4:16.37	P	10/14/2017	Barton S Wells		
WORLD:	4:04.48	W	1/29/2017	NICHOLAS GRANGER	FRA	
1	Hamilton, Rick M		51	Manatee Aquatic Masters Inc-38	4:46.47	4:52.81
	31.96			1:06.76 (34.80) 1:44.03 (37.27)	2:22.40 (38.37)	
	3:01.11 (38.71)			3:39.17 (38.06) 4:16.05 (36.88)	4:52.81 (36.76)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 50-54 400 SC Meter Freestyle)**

2	Goode, John J	51	Mountain View Masters-38	5:08.87	5:14.01
	35.65	1:14.47 (38.82)	1:53.98 (39.51)	2:34.03 (40.05)	
	3:14.14 (40.11)	3:54.53 (40.39)	4:34.81 (40.28)	5:14.01 (39.20)	
3	Cocca, Christopher D	53	Menlo Masters-38	5:34.86	5:49.59
	39.86	1:23.55 (43.69)	2:08.62 (45.07)	2:54.98 (46.36)	
	3:39.45 (44.47)	4:23.10 (43.65)	5:07.06 (43.96)	5:49.59 (42.53)	

Men 50-54 50 SC Meter Backstroke

	NATL:	26.69	N	10/24/2015	FRITZ BEDFORD	
	PAC:	29.64	P	12/3/2017	Rick M Hamilton	
	WORLD:	26.69	W	10/24/2015	FRITZ BEDFORD	USA
---	Kudva, Sisir	50	Fremont Hills Masters-38	1:00.00	DQ	

Men 50-54 200 SC Meter Backstroke

	NATL:	2:11.84	N	12/4/2009	JAMIE FOWLER	
	PAC:	2:16.82	P	12/1/2017	Rick M Hamilton	
	WORLD:	2:07.13	W	5/6/2017	NICOLAS GRANGER	FRA
1	Hamilton, Rick M	51	Manatee Aquatic Masters Inc-38	2:16.75	2:30.63	
	36.05	1:13.75 (37.70)	1:51.89 (38.14)	2:30.63 (38.74)		
2	Goode, John J	51	Mountain View Masters-38	3:09.59	2:59.14	
	41.83	1:26.01 (44.18)	2:13.52 (47.51)	2:59.14 (45.62)		
3	Cocca, Christopher D	53	Menlo Masters-38	3:04.45	3:09.67	
	46.51	1:34.19 (47.68)	2:23.12 (48.93)	3:09.67 (46.55)		

Men 50-54 50 SC Meter Breaststroke

	NATL:	29.84	N	12/8/2013	DAVID GUTHRIE	
	PAC:	31.10	P	10/18/2009	Gary L Patterson	
	WORLD:	29.71	W	4/9/2017	C.ARTURO TRAVAINI	ITA
1	Lee, Howard	54	Stanford Masters Swimming-38	38.45	38.25	
2	Silver, Jim	54	Fremont Hills Masters-38	47.15	48.49	

Men 50-54 200 SC Meter Breaststroke

	NATL:	2:21.65	N	12/8/2013	DAVID GUTHRIE	
	PAC:	2:34.71	P	12/31/1996	Robert Strand	
	WORLD:	2:19.36	W	3/23/2018	NICOLAS GRANGER	FRA
1	Hamilton, Rick M	51	Manatee Aquatic Masters Inc-38	2:46.56	2:50.47	
	38.63	1:22.05 (43.42)	2:06.63 (44.58)	2:50.47 (43.84)		
2	Goode, John J	51	Mountain View Masters-38	2:55.77	2:58.29	
	41.60	1:26.21 (44.61)	2:12.50 (46.29)	2:58.29 (45.79)		
3	Cocca, Christopher D	53	Menlo Masters-38	3:22.60	3:23.49	
	47.98	1:39.60 (51.62)	2:32.59 (52.99)	3:23.49 (50.90)		

Men 50-54 50 SC Meter Butterfly

	NATL:	25.98	N	3/5/2016	STEVE HILTABIDDLE	
	PAC:	26.12	P	12/31/2007	Paul V Carter	
	WORLD:	25.49	W	5/16/2009	DAN THOMPSON	CAN
1	Hamilton, Rick M	51	Manatee Aquatic Masters Inc-38	28.48	29.14	
2	Silver, Jim	54	Fremont Hills Masters-38	44.90	45.82	

Men 50-54 200 SC Meter Butterfly

	NATL:	2:10.52	N	5/21/2016	MIKE SHAFFER	
	PAC:	2:21.84	P	3/9/2014	Darren D Phalen	
	WORLD:	2:09.19	W	3/25/2018	NICOLAS GRANGER	FRA
1	Hamilton, Rick M	51	Manatee Aquatic Masters Inc-38	2:31.03	2:34.30	
	34.13	1:13.33 (39.20)	1:54.34 (41.01)	2:34.30 (39.96)		

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 50-54 200 SC Meter Butterfly)**

2	Goode, John J	51	Mountain View Masters-38	3:07.99	3:15.23
	40.42	1:31.10 (50.68)	2:23.10 (52.00)	3:15.23 (52.13)	
3	Cocca, Christopher D	53	Menlo Masters-38	3:46.22	4:10.37
	46.92	1:44.71 (57.79)	2:55.64 (1:10.93)	4:10.37 (1:14.73)	

Men 50-54 100 SC Meter IM

	NATL:	1:00.57	N	12/10/2016	SCOTT HEBER	
	PAC:	1:02.51	P	12/31/2008	Ken Shilling	
	WORLD:	57.69	W	3/24/2017	NICOLAS GRANGER	FRA
1	Kudva, Sisir	50	Fremont Hills Masters-38	1:45.00	1:35.48	
	42.50	1:35.48 (52.98)				

Men 50-54 400 SC Meter IM

	NATL:	4:45.15	N	5/18/2015	JEROME FRENTSOS	
	PAC:	5:02.72	P	3/9/2013	Darren D Phalen	
	WORLD:	4:29.33	W	3/23/2017	NICOLAS GRANGER	FRA
1	Hamilton, Rick M	51	Manatee Aquatic Masters Inc-38	5:02.82	5:14.14	
	33.83	1:11.48 (37.65)	1:51.33 (39.85)	2:30.47 (39.14)		
	3:16.52 (46.05)	4:02.22 (45.70)	4:38.31 (36.09)	5:14.14 (35.83)		
2	Goode, John J	51	Mountain View Masters-38	5:59.59	5:59.44	
	39.92	1:28.30 (48.38)	3:02.99 (1:34.69)			
	3:51.96 ()	4:40.54 (48.58)	5:20.58 (40.04)	5:59.44 (38.86)		
3	Cocca, Christopher D	53	Menlo Masters-38	6:39.45	6:38.62	
	43.29	1:35.71 (52.42)	2:27.62 (51.91)	3:20.72 (53.10)		
	4:14.71 (53.99)	5:10.12 (55.41)	5:55.89 (45.77)	6:38.62 (42.73)		

Men 55-59 50 SC Meter Freestyle

	NATL:	24.66	N	10/10/2015	STEVE WOOD	
	PAC:	26.15	P	12/31/2009	Eric D van Boer	
	WORLD:	24.51	W	4/19/2015	BRENT BARNES	JPN
1	Boone, Jon	55	Walnut Creek Masters-38	26.50	26.85	
2	Anderson, Thomas D	57	Menlo Masters-38	29.89	29.31	
3	Souders, Steve	58	Fremont Hills Masters-38	45.00	42.19	

Men 55-59 100 SC Meter Freestyle

	NATL:	54.50	N	4/5/2009	JACK GROSELLE	
	PAC:	58.66	P	12/31/2000	Tim A Birnie	
	WORLD:	54.50	W	4/5/2009	JACK GROSELLE	USA
1	Boone, Jon	55	Walnut Creek Masters-38	58.50	59.59	
	28.39	59.59 (31.20)				
2	Doyas, Greg	56	Fremont Hills Masters-38	1:05.08	1:01.99	
	30.84	1:01.99 (31.15)				
3	Anderson, Thomas D	57	Menlo Masters-38	1:07.34	1:07.19	
	32.02	1:07.19 (35.17)				
4	Huang, Howard L	55	Mountain View Masters-38	1:40.00	1:36.05	
	44.88	1:36.05 (51.17)				
5	Souders, Steve	58	Fremont Hills Masters-38	1:53.00	1:41.09	
	45.82	1:41.09 (55.27)				

Men 55-59 200 SC Meter Freestyle

	NATL:	1:59.08	N	11/21/2009	MICHAEL MANN	
	PAC:	2:06.20	P	12/31/2003	R Tod Spieker	
	WORLD:	1:59.08	W	11/21/2009	MICHAEL MANN	USA
1	Washburne, Brent C	57	Oregon Masters-37	2:23.54	2:24.69	
	32.75	1:08.75 (36.00)	1:45.88 (37.13)	2:24.69 (38.81)		

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 55-59 200 SC Meter Freestyle)**

2	Boone, Jon	55	Walnut Creek Masters-38	2:36.00	2:35.26
	34.27	1:14.34 (40.07)	1:55.29 (40.95)	2:35.26 (39.97)	

Men 55-59 50 SC Meter Backstroke

NATL:	27.62	N	10/10/2015	STEVE WOOD	
PAC:	30.40	P	12/31/2000	Tim A Birnie	
WORLD:	27.96	W	10/30/2016	CRAIG NORREY	GBR

1	Taylor, Ron A	58	Richmond Plunge Masters-38	32.56	33.19
---	---------------	----	----------------------------	-------	-------

Men 55-59 200 SC Meter Backstroke

NATL:	2:15.79	N	12/5/2014	JAMIE FOWLER	
PAC:	2:21.80	P	12/31/2003	Tim Spieker	
WORLD:	2:15.79	W	12/5/2014	JAMIE FOWLER	USA

1	Doyas, Greg	56	Fremont Hills Masters-38	2:35.02	2:33.50
	36.70	1:15.60 (38.90)	1:54.53 (38.93)	2:33.50 (38.97)	

Men 55-59 50 SC Meter Breaststroke

NATL:	30.37	N	12/17/2016	DAVID GUTHRIE	
PAC:	32.18	P	12/31/2001	Robert Strand	
WORLD:	29.79	W	4/22/2018	C.ARTURO TRAVAINI	ITA

1	Taylor, Ron A	58	Richmond Plunge Masters-38	38.60	38.63
2	Anderson, Thomas D	57	Menlo Masters-38	41.39	41.37
3	Souders, Steve	58	Fremont Hills Masters-38	55.00	48.12

Men 55-59 200 SC Meter Breaststroke

NATL:	2:27.00	N	11/8/2015	DAVID GUTHRIE	
PAC:	2:38.76	P	12/31/2001	Robert Strand	
WORLD:	2:22.91	W	4/21/2018	C.ARTURO TRAVAINI	ITA

1	Huang, Howard L	55	Mountain View Masters-38	3:37.83	3:44.34
	52.08	1:48.04 (55.96)	2:46.41 (58.37)	3:44.34 (57.93)	
2	Souders, Steve	58	Fremont Hills Masters-38	3:59.00	4:08.18
	52.03	1:55.10 (1:03.07)	3:02.27 (1:07.17)	4:08.18 (1:05.91)	

Men 55-59 50 SC Meter Butterfly

NATL:	26.67	N	10/11/2015	STEVE WOOD	
PAC:	27.16	P	10/4/2014	Paul V Carter	
WORLD:	26.45	W	5/18/2013	DAN THOMPSON	CAN

1	Taylor, Ron A	58	Richmond Plunge Masters-38	30.39	30.51
2	Anderson, Thomas D	57	Menlo Masters-38	33.82	33.45

Men 55-59 200 SC Meter Butterfly

NATL:	2:16.86	N	12/2/2017	DAVID SIMS	
PAC:	2:32.24	P	12/31/2012	Kerry L O'Brien	
WORLD:	2:15.97	W	1/26/2013	HUGO BREGMAN	NED

1	Washburne, Brent C	57	Oregon Masters-37	3:17.77	3:20.07
	40.10	1:28.74 (48.64)	2:21.96 (53.22)	3:20.07 (58.11)	

Men 55-59 100 SC Meter IM

NATL:	1:01.76	N	10/10/2015	STEVE WOOD	
PAC:	1:05.29	P	10/4/2014	Paul V Carter	
WORLD:	1:01.76	W	10/10/2015	STEVE WOOD	USA

1	Antonick, Gary M	55	Stanford Masters Swimming-38	1:15.00	1:10.14
	32.40	1:10.14 (37.74)			
2	Taylor, Ron A	58	Richmond Plunge Masters-38	1:12.40	1:13.83
	34.21	1:13.83 (39.62)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 55-59 100 SC Meter IM)**

3	Anderson, Thomas D	57	Menlo Masters-38	1:25.67	1:23.94
	39.50	1:23.94 (44.44)			
4	Huang, Howard L	55	Mountain View Masters-38	1:41.31	1:42.48
	49.95	1:42.48 (52.53)			

Men 55-59 200 SC Meter IM

NATL:		2:16.44	N	11/22/2009	MICHAEL MANN	
PAC:		2:25.63	P	12/31/2008	Jim Clemmons	
WORLD:		2:16.44	W	11/22/2009	MICHAEL MANN	USA
1	Antonick, Gary M	55	Stanford Masters Swimming-38	2:40.00	2:34.86	
	31.95	1:12.99 (41.04)	1:59.66 (46.67)	2:34.86 (35.20)		
2	Deng, Edward E	55	Fremont Hills Masters-38	2:54.17	2:49.46	
	34.90	1:20.43 (45.53)	2:09.67 (49.24)	2:49.46 (39.79)		

Men 55-59 400 SC Meter IM

NATL:		4:51.97	N	11/21/2009	MICHAEL MANN	
PAC:		5:13.29	P	12/31/2003	R Tod Spieker	
WORLD:		4:51.97	W	11/21/2009	MICHAEL MANN	USA
1	Antonick, Gary M	55	Stanford Masters Swimming-38	5:55.55	5:34.84	
	35.11	1:11.97 (36.86)	1:55.93 (43.96)	2:39.77 (43.84)		
	3:27.16 (47.39)	4:15.66 (48.50)	4:55.71 (40.05)	5:34.84 (39.13)		

Men 60-64 50 SC Meter Freestyle

NATL:		24.90	N	12/3/2006	RICHARD ABRAHAMS	
PAC:		26.56	P	10/9/2016	Loren Druz	
WORLD:		24.90	W	12/3/2006	RICH ABRAHAMS	USA
1	Cutting, Steve	61	Manatee Aquatic Masters Inc-38	30.61	28.52	
2	Harter, Phillip M	64	Fremont Hills Masters-38	30.50	30.74	
3	Hektner, Eric W	60	Tri Valley Masters-38	33.89	34.55	
4	Bonacini, Maurizio	61	Uc38-38	50.00	38.46	

Men 60-64 100 SC Meter Freestyle

NATL:		55.87	N	5/17/2014	JACK GROSELLE	
PAC:		1:00.56	P	10/9/2016	Loren Druz	
WORLD:		55.87	W	5/17/2014	JACK GROSELLE	USA
1	Cutting, Steve	61	Manatee Aquatic Masters Inc-38	1:03.61	1:02.62	
	30.65	1:02.62 (31.97)				
2	Darlington, Taite	62	San Francisco Tsunami Masters-38	1:15.00	1:04.53	
	31.24	1:04.53 (33.29)				
3	Moretti, Didier	60	Fremont Hills Masters-38	1:16.00	1:12.70	
	34.64	1:12.70 (38.06)				
4	Anderson, Robert L	63	Peninsula Community Center Mas-38	1:13.00	1:14.64	
	36.45	1:14.64 (38.19)				
5	Hektner, Eric W	60	Tri Valley Masters-38	1:13.98	1:16.61	
	36.91	1:16.61 (39.70)				
6	Bonacini, Maurizio	61	Uc38-38	1:45.00	1:29.51	
	43.26	1:29.51 (46.25)				

Men 60-64 200 SC Meter Freestyle

NATL:		2:01.65	N	11/21/2015	RICK COLELLA	
PAC:		2:13.49	P	9/25/2011	Tim Broderick	
WORLD:		2:01.65	W	11/21/2015	RICK COLELLA	USA
1	Cutting, Steve	61	Manatee Aquatic Masters Inc-38	2:22.61	2:19.21	
	32.34	1:08.26 (35.92)	1:44.40 (36.14)	2:19.21 (34.81)		

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 60-64 200 SC Meter Freestyle)**

2	Darlington, Taite	62	San Francisco Tsunami Masters-38	2:35.00	2:24.67
	33.43	1:10.02 (36.59)	1:46.90 (36.88)	2:24.67 (37.77)	
3	Moretti, Didier	60	Fremont Hills Masters-38	2:55.00	2:41.84
	35.48	1:17.20 (41.72)	2:00.64 (43.44)	2:41.84 (41.20)	
4	Hektner, Eric W	60	Tri Valley Masters-38	2:46.16	2:49.34
	38.66	1:20.64 (41.98)	2:04.75 (44.11)	2:49.34 (44.59)	

Men 60-64 400 SC Meter Freestyle

NATL: 4:29.92 N 12/2/2017 DAN STEPHENSON

PAC: 4:42.39 P 12/31/2010 Jim Clemmons

WORLD: 4:29.92 W 12/2/2017 DAN STEPHENSON

USA

1	Cutting, Steve	61	Manatee Aquatic Masters Inc-38	5:14.61	5:03.52
	36.37	1:15.32 (38.95)	1:53.96 (38.64)	2:32.71 (38.75)	
	3:11.36 (38.65)	3:49.85 (38.49)	4:28.12 (38.27)	5:03.52 (35.40)	
2	Moretti, Didier	60	Fremont Hills Masters-38	6:20.00	5:47.36
	39.14	1:22.86 (43.72)	2:07.72 (44.86)	2:52.25 (44.53)	
	3:37.40 (45.15)	4:21.69 (44.29)	5:06.22 (44.53)	5:47.36 (41.14)	
3	Citron, Jeffrey M	63	Uc38-38	5:49.95	5:50.49
	40.98	1:25.00 (44.02)	2:10.01 (45.01)	2:54.10 (44.09)	
	3:38.73 (44.63)	4:24.17 (45.44)	5:08.49 (44.32)	5:50.49 (42.00)	
4	Anderson, Robert L	63	Peninsula Community Center Mas-38	5:58.00	5:53.25
	40.95	1:24.76 (43.81)	2:09.84 (45.08)	2:55.21 (45.37)	
	3:40.40 (45.19)	4:26.00 (45.60)	5:10.98 (44.98)	5:53.25 (42.27)	
5	Pinto, Harlan A	61	Menlo Masters-38	5:50.80	6:00.69
	41.15	1:25.34 (44.19)	2:11.20 (45.86)	2:56.31 (45.11)	
	3:41.82 (45.51)	4:29.12 (47.30)	5:15.60 (46.48)	6:00.69 (45.09)	
6	Tsugawa, Peter	60	Marcia's Enthusiastic Masters-38	6:30.65	6:32.82
	45.13	1:33.77 (48.64)	2:24.00 (50.23)	3:14.50 (50.50)	
	4:04.81 (50.31)	4:55.11 (50.30)	6:32.82 (1:37.71)		

Men 60-64 50 SC Meter Backstroke

NATL: 29.64 N 3/29/2014 PHILIPP DJANG

PAC: 31.59 P 12/31/2010 Hugh Wilder

WORLD: 29.64 W 3/29/2014 PHILIPP DJANG

USA

1	Johanson, Jeff	64	Tuolumne County Aquatic Master-38	37.00	41.96
---	----------------	----	-----------------------------------	-------	-------

Men 60-64 200 SC Meter Backstroke

NATL: 2:20.38 N 11/12/2016 TOM BARTON

PAC: 2:32.37 P 12/6/2013 Fred Ferroggiaro

WORLD: 2:20.38 W 11/12/2016 TOM BARTON

USA

1	Cutting, Steve	61	Manatee Aquatic Masters Inc-38	2:44.61	2:37.21
	38.72	1:18.51 (39.79)	1:58.69 (40.18)	2:37.21 (38.52)	
2	Darlington, Taite	62	San Francisco Tsunami Masters-38	2:55.00	2:41.55
	38.72	1:19.35 (40.63)	2:01.14 (41.79)	2:41.55 (40.41)	
3	Citron, Jeffrey M	63	Uc38-38	3:09.00	3:12.46
	45.19	1:33.22 (48.03)	2:23.00 (49.78)	3:12.46 (49.46)	
4	Pinto, Harlan A	61	Menlo Masters-38	3:31.18	3:29.32
	50.39	1:42.68 (52.29)	2:36.64 (53.96)	3:29.32 (52.68)	
5	Anderson, Robert L	63	Peninsula Community Center Mas-38	3:35.00	3:47.86
	56.36	1:55.47 (59.11)	2:52.43 (56.96)	3:47.86 (55.43)	
6	Tsugawa, Peter	60	Marcia's Enthusiastic Masters-38	4:30.00	4:08.85
	54.21	1:57.11 (1:02.90)	3:04.93 (1:07.82)	4:08.85 (1:03.92)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 60-64 50 SC Meter Breaststroke**

NATL:	31.51	N	11/21/2015	RICK COLELLA		
PAC:	32.31	P	12/31/2009	Robert Strand		
WORLD:	31.51	W	11/21/2015	RICK COLELLA	USA	
1	Hektner, Eric W		60	Tri Valley Masters-38	39.21	40.47
2	Harter, Phillip M		64	Fremont Hills Masters-38	44.00	41.29
3	Bonacini, Maurizio		61	Uc38-38	48.00	48.90

Men 60-64 200 SC Meter Breaststroke

NATL:	2:37.61	N	11/13/2011	RICK COLELLA		
PAC:	2:40.76	P	12/31/2009	Robert Strand		
WORLD:	2:37.61	W	11/13/2011	RICK COLELLA	USA	
1	Hektner, Eric W		60	Tri Valley Masters-38	3:13.06	3:18.90
	45.78		1:36.15 (50.37)	2:27.80 (51.65)	3:18.90 (51.10)	
2	Anderson, Robert L		63	Peninsula Community Center Mas-38	3:28.00	3:29.62
	49.47		1:43.50 (54.03)	2:37.86 (54.36)	3:29.62 (51.76)	
3	Pinto, Harlan A		61	Menlo Masters-38	3:26.91	3:30.66
	46.45		1:39.47 (53.02)	2:35.60 (56.13)	3:30.66 (55.06)	
4	Johanson, Jeff		64	Tuolumne County Aquatic Master-38	3:10.00	3:36.16
	47.09		1:42.11 (55.02)	2:39.24 (57.13)	3:36.16 (56.92)	
5	Citron, Jeffrey M		63	Uc38-38	3:41.57	3:47.28
	50.57		1:46.69 (56.12)	2:46.85 (1:00.16)	3:47.28 (1:00.43)	
6	Tsugawa, Peter		60	Marcia's Enthusiastic Masters-38	4:15.00	3:57.63
	53.47		1:52.86 (59.39)	2:54.87 (1:02.01)	3:57.63 (1:02.76)	

Men 60-64 50 SC Meter Butterfly

NATL:	27.53	N	10/25/2014	DONALD GRAHAM		
PAC:	30.08	P	10/10/2009	Thomas H Knopf		
WORLD:	26.78	W	5/13/2017	DAN THOMPSON	CAN	
1	Harter, Phillip M		64	Fremont Hills Masters-38	33.30	34.03

Men 60-64 200 SC Meter Butterfly

NATL:	2:23.29	N	11/22/2015	RICK COLELLA		
PAC:	2:37.76	P	10/10/2015	Peter M Guadagni		
WORLD:	2:20.27	W	1/20/2018	HUGO BREGMAN	NED	
1	Anderson, Robert L		63	Peninsula Community Center Mas-38	3:25.00	3:27.43
	50.05		1:45.81 (55.76)	2:38.25 (52.44)	3:27.43 (49.18)	
2	Pinto, Harlan A		61	Menlo Masters-38	3:28.05	3:30.15
	43.54		1:36.19 (52.65)	2:33.12 (56.93)	3:30.15 (57.03)	
3	Tsugawa, Peter		60	Marcia's Enthusiastic Masters-38	4:00.00	3:51.84
	52.15		1:53.25 (1:01.10)	2:55.03 (1:01.78)	3:51.84 (56.81)	
4	Citron, Jeffrey M		63	Uc38-38	4:03.16	4:00.96
	52.85		1:55.06 (1:02.21)	2:58.48 (1:03.42)	4:00.96 (1:02.48)	

Men 60-64 100 SC Meter IM

NATL:	1:04.23	N	3/21/2015	RICK COLELLA		
PAC:	1:07.98	P	12/31/2009	Robert Strand		
WORLD:	1:04.23	W	3/21/2015	RICK COLELLA	USA	
1	Cutting, Steve		61	Manatee Aquatic Masters Inc-38	1:14.61	1:13.23
	34.01		1:13.23 (39.22)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 60-64 400 SC Meter IM**

NATL:		5:04.54	N	11/13/2011	RICK COLELLA		
PAC:		5:22.86	P	12/31/2010	Jim Clemmons		
WORLD:		5:04.54	W	11/13/2011	RICK COLELLA	USA	
1	Anderson, Robert L	63	Peninsula Community Center Mas-38	6:50.00			6:54.01
	48.53	1:40.65 (52.12)	2:39.61 (58.96)	3:36.13 (56.52)			
	4:33.12 (56.99)	5:29.59 (56.47)	6:14.09 (44.50)	6:54.01 (39.92)			
2	Pinto, Harlan A	61	Menlo Masters-38	6:47.56			6:54.93
	41.64	1:32.73 (51.09)	2:32.57 (59.84)	3:29.43 (56.86)			
	4:26.67 (57.24)	5:23.70 (57.03)	6:11.39 (47.69)	6:54.93 (43.54)			
3	Citron, Jeffrey M	63	Uc38-38	7:16.54			7:16.12
	50.32	1:50.98 (1:00.66)	2:45.98 (55.00)	3:40.15 (54.17)			
	4:41.21 (1:01.06)	5:44.46 (1:03.25)	6:32.20 (47.74)	7:16.12 (43.92)			
4	Tsugawa, Peter	60	Marcia's Enthusiastic Masters-38	8:00.00			7:39.64
	50.49	1:48.34 (57.85)	2:51.30 (1:02.96)	3:54.59 (1:03.29)			
	4:58.60 (1:04.01)	6:00.61 (1:02.01)	6:51.00 (50.39)	7:39.64 (48.64)			

Men 65-69 50 SC Meter Freestyle

NATL:		25.42	N	3/3/2018	DOUG MARTIN		
PAC:		26.85	P	9/18/2016	Tate Holt		
WORLD:		25.42	W	3/3/2018	DOUG MARTIN	USA	
1	Holt, Tate	67	Tamalpais Aquatic Masters-38	27.75			27.38

Men 65-69 200 SC Meter Freestyle

NATL:		2:07.56	N	11/19/2016	RICK COLELLA		
PAC:		2:14.82	P	9/18/2016	Tim Broderick		
WORLD:		2:07.56	W	11/19/2016	RICK COLELLA	USA	
1	Small, Stephen A	66	Marcia's Enthusiastic Masters-38	2:38.20			2:42.55
	38.05	1:19.01 (40.96)	2:00.32 (41.31)	2:42.55 (42.23)			

Men 65-69 400 SC Meter Freestyle

NATL:		4:27.91	N	11/19/2017	RICK COLELLA		
PAC:		4:59.42	P	10/10/2015	Jim Clemmons		
WORLD:		4:27.91	W	11/19/2017	RICK COLELLA	USA	
1	Small, Stephen A	66	Marcia's Enthusiastic Masters-38	5:50.30			5:56.24
	40.09	1:23.47 (43.38)	2:09.29 (45.82)	2:54.96 (45.67)			
	3:42.12 (47.16)	4:27.21 (45.09)	5:13.31 (46.10)	5:56.24 (42.93)			

Men 65-69 200 SC Meter Backstroke

NATL:		2:31.16	N	3/17/2018	LAWRENCE DAY		
PAC:		2:34.93	P	10/12/2014	Alek I Shestakov		
WORLD:		2:31.16	W	3/17/2018	LAWRENCE DAY	USA	
1	Small, Stephen A	66	Marcia's Enthusiastic Masters-38	3:10.83			3:17.54
	45.62	1:34.91 (49.29)	2:25.96 (51.05)	3:17.54 (51.58)			

Men 65-69 200 SC Meter Breaststroke

NATL:		2:36.85	N	11/19/2017	RICK COLELLA		
PAC:		2:54.15	P	10/10/2015	Jim Clemmons		
WORLD:		2:36.85	W	11/19/2017	RICK COLELLA	USA	
1	Small, Stephen A	66	Marcia's Enthusiastic Masters-38	3:19.23			3:23.49
	46.74	1:38.57 (51.83)	2:33.37 (54.80)	3:23.49 (50.12)			

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 65-69 200 SC Meter Butterfly**

NATL: 2:25.35 N 11/18/2017 RICK COLELLA
 PAC: 2:58.21 P 10/12/2014 Alan D Bernard
 WORLD: 2:25.35 W 11/18/2017 RICK COLELLA USA

1 Small, Stephen A 66 Marcia's Enthusiastic Masters-38 4:15.50 4:07.77
 46.26 1:46.52 (1:00.26) 2:57.20 (1:10.68) 4:07.77 (1:10.57)

Men 65-69 400 SC Meter IM

NATL: 5:03.34 N 11/18/2017 RICK COLELLA
 PAC: 5:34.91 P 10/12/2014 Alek I Shestakov
 WORLD: 5:03.34 W 11/18/2017 RICK COLELLA USA

1 Small, Stephen A 66 Marcia's Enthusiastic Masters-38 7:04.25 7:27.21
 40.83 1:35.62 (54.79) 2:35.08 (59.46) 3:34.30 (59.22)
 4:39.80 (1:05.50) 5:49.50 (1:09.70) 6:39.33 (49.83) 7:27.21 (47.88)

Men 70-74 50 SC Meter Freestyle

NATL: 26.88 N 10/10/2015 RICHARD ABRAHAMS
 PAC: 28.54 P 12/2/2017 Andrew M McPherso
 WORLD: 26.88 W 10/10/2015 RICHARD ABRAHAMS USA

1 McPherson, Andrew M 71 Davis Aquatic Masters-38 29.00 30.33
 2 Tavella, John 70 Uc38-38 39.00 35.38

Men 70-74 100 SC Meter Freestyle

NATL: 1:01.70 N 5/17/2015 RICHARD ABRAHAMS
 PAC: 1:04.17 P 12/1/2017 Andrew M McPherso
 WORLD: 1:01.70 W 5/17/2015 RICHARD ABRAHAMS USA

1 Tavella, John 70 Uc38-38 1:29.00 1:26.17
 40.97 1:26.17 (45.20)

Men 70-74 50 SC Meter Backstroke

NATL: 33.09 N 12/3/2017 HUGH WILDER
 PAC: 33.51 P 12/6/2013 Richard Burns
 WORLD: 33.09 W 12/3/2017 HUGH WILDER USA

1 McPherson, Andrew M 71 Davis Aquatic Masters-38 36.00 36.47

Men 70-74 50 SC Meter Breaststroke

NATL: 35.97 N 3/6/2016 ROBERT STRAND
 PAC: 36.16 P 8/24/2013 David R Gildea
 WORLD: 35.53 W 4/10/2016 DIETER HOFEL GER

1 McPherson, Andrew M 71 Davis Aquatic Masters-38 39.00 40.05

Men 70-74 100 SC Meter IM

NATL: 1:13.09 N 10/10/2015 RICHARD ABRAHAMS
 PAC: 1:14.40 P 10/6/2013 Richard Burns
 WORLD: 1:13.09 W 10/10/2015 RICHARD ABRAHAMS USA

1 McPherson, Andrew M 71 Davis Aquatic Masters-38 1:18.00 1:20.44
 36.47 1:20.44 (43.97)
 2 Tavella, John 70 Uc38-38 1:51.00 1:35.83
 44.79 1:35.83 (51.04)

Men 75-79 50 SC Meter Freestyle

NATL: 29.90 N 12/3/2016 MIKE FRESHLEY
 PAC: 33.35 P 12/31/1995 Ray Taft
 WORLD: 29.90 W 12/3/2016 MIKE FRESHLEY USA

1 Stewart, Jim M 77 Santa Rosa Masters-38 43.00 45.92

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 75-79 100 SC Meter Freestyle**

NATL: 1:05.13 N 4/19/2009		DAVID RADCLIFF			
PAC: 1:13.47 P 12/31/1995		Ray Taft			
WORLD: 1:05.13 W 4/19/2009		DAVID RADCLIFF			USA
1	Burns, Richard	75	Tamalpais Aquatic Masters-38	1:11.00	1:10.24P
	33.32		1:10.24 (36.92)		
2	Stewart, Jim M	77	Santa Rosa Masters-38	1:40.00	1:43.95
	48.84		1:43.95 (55.11)		

Men 75-79 400 SC Meter Freestyle

NATL: 5:15.10 N 4/18/2009		DAVID RADCLIFF			
PAC: 6:02.95 P 12/31/1995		Ray Taft			
WORLD: 5:15.10 W 4/18/2009		DAVID RADCLIFF			USA
1	Gildea, David R	75	Menlo Masters-38	6:30.00	6:20.98
	43.02		1:30.42 (47.40) 2:18.37 (47.95)	3:07.56 (49.19)	
	3:56.62 (49.06)		4:45.60 (48.98) 5:34.20 (48.60)	6:20.98 (46.78)	

Men 75-79 50 SC Meter Backstroke

NATL: 35.51 N 11/16/2008		YOSHI OYAKAWA			
PAC: 39.83 P 12/31/1994		Ray Taft			
WORLD: 35.51 W 11/16/2008		YOSHI OYAKAWA			USA
1	Burns, Richard	75	Tamalpais Aquatic Masters-38	36.00	35.80P
2	Stewart, Jim M	77	Santa Rosa Masters-38	52.00	57.67

Men 75-79 200 SC Meter Backstroke

NATL: 2:49.20 N 11/22/2009		BURWELL JONES			
PAC: 3:10.22 P 12/31/1994		Ray Taft			
WORLD: 2:49.20 W 11/22/2009		BURWELL JONES			USA
1	Gildea, David R	75	Menlo Masters-38	3:44.00	3:34.31
	50.63		1:43.78 (53.15) 2:39.62 (55.84)	3:34.31 (54.69)	
2	Stewart, Jim M	77	Santa Rosa Masters-38	5:30.00	4:44.71
	1:02.53		2:14.21 (1:11.68) 3:30.51 (1:16.30)	4:44.71 (1:14.20)	

Men 75-79 200 SC Meter Breaststroke

NATL: 3:06.82 N 7/23/2016		MIKE FRESHLEY			
PAC: 3:34.29 P 12/31/1993		Aldo da Rosa			
WORLD: 3:06.82 W 7/23/2016		MIKE FRESHLEY			USA
1	Gildea, David R	75	Menlo Masters-38	3:33.00	3:26.36P
	47.03		1:39.36 (52.33) 2:33.48 (54.12)	3:26.36 (52.88)	

Men 75-79 50 SC Meter Butterfly

NATL: 33.03 N 7/24/2016		MIKE FRESHLEY			
PAC: 38.70 P 12/31/1995		Ray Taft			
WORLD: 32.93 W 3/11/2012		HIROSHI MATSUMOTO			JPN
1	Burns, Richard	75	Tamalpais Aquatic Masters-38	34.00	33.92P

Men 75-79 200 SC Meter Butterfly

NATL: 3:30.32 N 5/12/2018		DAVE NOBLE			
PAC: 3:59.25 P 12/31/1994		Aldo da Rosa			
WORLD: 3:13.52 W 2/10/2018		YASUTAKA KOIKE			JPN
1	Gildea, David R	75	Menlo Masters-38	3:48.00	3:41.12P
	49.90		1:48.26 (58.36) 2:45.55 (57.29)	3:41.12 (55.57)	

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 75-79 100 SC Meter IM**

NATL:		1:17.58	N	7/23/2016	MIKE FRESHLEY		
PAC:		1:27.43	P	12/31/1994	Ray Taft		
WORLD:		1:17.58	W	7/23/2016	MIKE FRESHLEY		USA
1	Burns, Richard			75	Tamalpais Aquatic Masters-38	1:20.00	1:18.99P
		35.63					1:18.99 (43.36)

Men 75-79 400 SC Meter IM

NATL:		6:29.29	N	7/22/2016	MIKE FRESHLEY		
PAC:		7:08.53	P	12/31/1994	Ray Taft		
WORLD:		6:29.29	W	7/22/2016	MIKE FRESHLEY		USA
1	Gildea, David R			75	Menlo Masters-38	7:08.00	7:10.63
		49.23					1:44.33 (55.10) 2:41.66 (57.33) 3:39.97 (58.31)
		4:36.32 (56.35)					5:34.19 (57.87) 6:23.01 (48.82) 7:10.63 (47.62)

Men 80-84 50 SC Meter Freestyle

NATL:		31.25	N	12/2/2017	JEFF FARRELL		
PAC:		36.71	P	10/16/2011	Ashley K Jones		
WORLD:		31.25	W	12/2/2017	JEFF FARRELL		USA
1	Sulzbach, John F			84	Menlo Masters-38	45.00	44.85
2	Young, Ronald P			81	Tamalpais Aquatic Masters-38	50.12	50.11

Men 80-84 100 SC Meter Freestyle

NATL:		1:11.26	N	9/27/2014	DAVID RADCLIFF		
PAC:		1:21.52	P	12/31/1999	Ray Taft		
WORLD:		1:11.26	W	9/27/2014	DAVID RADCLIFF		USA
1	Sulzbach, John F			84	Menlo Masters-38	1:45.00	1:51.77
		50.24					1:51.77 (1:01.53)
2	Young, Ronald P			81	Tamalpais Aquatic Masters-38	2:00.02	1:58.92
		53.89					1:58.92 (1:05.03)

Men 80-84 400 SC Meter Freestyle

NATL:		5:39.27	N	3/9/2014	DAVID RADCLIFF		
PAC:		6:27.60	P	12/31/1999	Ray Taft		
WORLD:		5:39.27	W	3/9/2014	DAVID RADCLIFF		USA
1	Fleming, Jack C			83	University of San Francisco Ma-38	10:22.25	8:53.27
		58.33					2:08.13 (1:09.80) 3:18.55 (1:10.42) 4:27.68 (1:09.13)
		5:36.15 (1:08.47)					6:45.09 (1:08.94) 7:51.10 (1:06.01) 8:53.27 (1:02.17)

Men 80-84 50 SC Meter Backstroke

NATL:		37.82	N	11/15/2014	YOSHI OYAKAWA		
PAC:		42.96	P	12/31/1999	Ray Taft		
WORLD:		37.82	W	11/15/2014	YOSHI OYAKAWA		USA
1	Sulzbach, John F			84	Menlo Masters-38	58.00	56.63

Men 80-84 200 SC Meter Backstroke

NATL:		3:07.44	N	10/1/2017	DAVID COSTILL		
PAC:		3:23.73	P	12/31/1999	Ray Taft		
WORLD:		3:07.44	W	10/1/2017	DAVID COSTILL		USA
1	Fleming, Jack C			83	University of San Francisco Ma-38	7:27.55	5:02.22
		1:16.45					2:31.01 (1:14.56) 3:47.07 (1:16.06) 5:02.22 (1:15.15)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 80-84 200 SC Meter Breaststroke**

NATL:	3:36.54	N	9/30/2017	DAVID COSTILL		
PAC:	3:52.83	P	9/25/2011	Ashley K Jones		
WORLD:	3:23.69	W	10/14/2017	TONY GOODWIN	AUS	
1	Fleming, Jack C		83	University of San Francisco Ma-38	4:46.65	4:30.62
	59.58		2:09.75 (1:10.17)	3:21.44 (1:11.69)	4:30.62 (1:09.18)	

Men 80-84 50 SC Meter Butterfly

NATL:	38.92	N	11/9/2013	CLARKE MITCHELL		
PAC:	43.20	P	10/16/2011	Ashley K Jones		
WORLD:	35.06	W	11/19/2016	HIROSHI MATSUMOTO	JPN	
1	Sulzbach, John F		84	Menlo Masters-38	1:03.00	1:08.98

Men 80-84 200 SC Meter Butterfly

NATL:	3:52.41	N	12/2/2007	THOMAS MAINE		
PAC:	4:57.45	P	12/31/2001	Richard T Smith		
WORLD:	3:30.11	W	2/27/2011	GIULIO DIVANO	ITA	
1	Fleming, Jack C		83	University of San Francisco Ma-38	5:20.23	5:06.98
	1:09.21		2:30.48 (1:21.27)	3:53.18 (1:22.70)	5:06.98 (1:13.80)	

Men 80-84 400 SC Meter IM

NATL:	7:14.71	N	12/17/2016	DAVID COSTILL		
PAC:	7:37.58	P	12/31/1999	Ray Taft		
WORLD:	7:09.74	W	4/15/2017	IKURO SHIMONO	JPN	
1	Fleming, Jack C		83	University of San Francisco Ma-38	10:10.23	9:31.65
	1:05.75		2:23.52 (1:17.77)	3:40.59 (1:17.07)	4:58.04 (1:17.45)	
	6:08.15 (1:10.11)		7:19.05 (1:10.90)	8:25.79 (1:06.74)	9:31.65 (1:05.86)	

Men 85-89 50 SC Meter Freestyle

NATL:	36.26	N	12/4/2010	FRANK PIEMME		
PAC:	37.96	P	12/31/2003	William Johnston		
WORLD:	32.23	W	1/29/2016	ROBERTO ALBERICHE	ESP	
1	Grohe, William E		85	University of San Francisco Ma-38	50.25	1:07.10

Men 85-89 50 SC Meter Backstroke

NATL:	41.75	N	12/3/2017	CLARKE MITCHELL		
PAC:	47.34	P	12/31/2002	Aldo da Rosa		
WORLD:	40.59	W	4/19/2009	KEIJIRO NAKAMURA	JPN	
1	Grohe, William E		85	University of San Francisco Ma-38	1:02.09	1:29.93

Men 85-89 50 SC Meter Breaststroke

NATL:	47.24	N	10/8/2010	FRANK PIEMME		
PAC:	52.34	P	12/31/2002	Aldo da Rosa		
WORLD:	44.47	W	6/13/2010	TOSHIO TAJIMA	JPN	
1	Grohe, William E		85	University of San Francisco Ma-38	1:13.12	2:16.31

Men 90-94 50 SC Meter Freestyle

NATL:	41.07	N	12/14/2003	WOODROW BOWERSOCK		
PAC:	45.58	P	10/9/2009	Steve P Carlson		
WORLD:	40.93	W	2/7/2016	TOSHIMI INATOMI	JPN	
1	Motmans, August		91	Sierra Nevada Masters-38	1:05.00	1:01.09
2	Edgerton, Albert		93	Claremont Country Club Swimmin-38	1:21.21	1:07.01

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Men 90-94 50 SC Meter Breaststroke**

NATL: 1:01.60 N 10/11/2014 JOHN CORSE
 PAC: 1:05.17 P 9/25/2017 August Motmans
 WORLD: 49.58 W 6/7/2015 TOSHIO TAJIMA JPN

1 Motmans, August 91 Sierra Nevada Masters-38 1:08.00 1:08.18

Women 200-239 200 SC Meter Medley Relay

NATL: 2:13.25 N 11/7/2015 North Texas Lonestars
 S STONE, L MIZE, M REA, L MORRISON
 PAC: 2:17.90 P 10/21/2007 WCM
 P Landers, L Crittenden, D Swigert, P J Roemer
 WORLD: 2:09.45 W 3/2/2018 MASOR -NOR
 L LOTHE, A SORESEN, J THORSTENSEN, B RIST

1 Fremont Hills Masters-38 A 2:23.00 2:36.75
 1) Aoun, Nadine W46 2) Glassman, Lucille R W55 3) Konkol-Zamir, Simona W48 4) Brown, Claiborne M W55
 39.89 1:22.10 (42.21) 2:04.37 (42.27) 2:36.75 (32.38)
 2 Mountain View Masters-38 A NT 3:06.21
 1) Queirolo, Vivian W58 2) Sawamura, Sachi W52 3) Norwood, Kristin E W34 4) Latham, Kate D W66
 39.98 1:40.40 (1:00.42) 2:22.92 (42.52) 3:06.21 (43.29)

Men 120-159 200 SC Meter Medley Relay

NATL: 1:45.01 N 4/16/1994 BAYLOR / LONE STAR
 J YARID, G RHODENBAUGH, B PATTEN, M RHODENBAUGH
 PAC: 1:45.06 P 12/31/2009 TOC
 L Wanie, G Marshall, T Holsman, S Greenwood
 WORLD: 1:39.28 W 3/19/2017 BLUE CORSAIRS -JPN
 T TAKEMOTO, H IKEGAMI, R TAGUCHI, S UCHIYAMA

1 Mountain View Masters-38 A NT 2:11.66
 1) Green, Zachary Y M29 2) Goode, John J M51 3) Pereira, Ed M33
 35.94 1:12.88 (36.94) 1:43.32 (30.44) 2:11.66 (28.34)

Men 160-199 800 SC Meter Freestyle Relay

NATL: 7:52.82 N 12/4/2009 LONGHORN AQUATICS
 T BLESSING, M VAROZZA, T BARTEE, A RASMUSSEN
 PAC: 8:29.70 P 12/31/2006 FIRE
 Steiner, Barnell, Czekala, Scollon
 WORLD: 7:52.68 W 3/12/2016 SIGMA SWIM -DEN
 M GJERLOV, J LERCKE SKYTTE, H PEDERSEN, C LERCHE I

1 Mountain View Masters-38 A NT 10:50.73
 1) Pereira, Ed M33 2) Zeigle, Alex M34 3) Goode, John J M51 4) Huang, Howard L M55
 32.92 1:10.16 (1:10.16) 1:48.14 (1:48.14) 2:25.89 (2:25.89)
 2:59.55 (33.66) 3:35.53 (1:09.64) 4:12.04 (1:46.15) 4:48.36 (2:22.47)
 5:24.79 (36.43) 6:03.92 (1:15.56) 6:44.80 (1:56.44) 7:23.65 (2:35.29)
 8:07.71 (44.06) 9:00.14 (1:36.49) 9:56.08 (2:32.43) 10:50.73 (3:27.08)

Men 160-199 200 SC Meter Medley Relay

NATL: 1:45.13 N 11/16/2008 LONGHORN AQUATICS
 A RASMUSSEN, T BARTEE, T BLESSING, M VAROZZA
 PAC: 1:56.44 P 10/16/2011 WCM
 H Chao, R J Santos, K Tittle, S A Stahl
 WORLD: 1:43.04 W 11/18/2016 SIBMASTERS -RUS
 S MAKOV, S GEYBEL, A PROKURATOV, V KRASAVIN

1 Fremont Hills Masters-38 A 2:17.00 2:12.35
 1) Doyas, Greg M56 2) Hong, Jimmy M49 3) Mills, Jonny M48 4) Deng, Edward E M55
 34.03 1:13.26 (39.23) 1:43.42 (30.16) 2:12.35 (28.93)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****(Men 160-199 200 SC Meter Medley Relay)**

2	Menlo Masters-38	A	2:18.00	2:25.79
	1) Cocca, Christopher D M53	2) Tang, Allen M22	3) Anderson, Thomas D M57	4) Quinton, Colin M54
	40.83	1:13.67 (32.84)	1:48.77 (35.10)	2:25.79 (37.02)

Men 200-239 200 SC Meter Medley Relay

NATL:	1:49.42	N	12/1/2012	LONGHORN AQUATICS
				A RASMUSSEN, D GUTHRIE, J SAUER, M VAROZZA
PAC:	1:58.75	P	12/7/2013	WAMS
				S Trimble, A Jaegers, T Harvill, M Volzing
WORLD:	1:49.42	W	12/1/2012	LONGHORN AQUATICS -USA
				A RASMUSSEN, D GUTHRIE, J SAUER, M VAROZZA

1	Fremont Hills Masters-38	A	2:45.00	2:58.25
	1) Silver, Jim M54	2) J-Cheng, Manus M49	3) Kudva, Sisir M50	4) Souders, Steve M58
	49.99	1:40.33 (50.34)	2:16.72 (36.39)	2:58.25 (41.53)

Mixed 100-119 800 SC Meter Freestyle Relay

NATL:	8:29.16	N	12/17/2006	NEW ENGLAND MASTERS
				A FERGUSON, D MILLER, A YTTRE, R CARDOSO
PAC:	9:19.32	P	10/18/2009	WCM
				R R Tukua, C A McGowan, C Cline, C Allen
WORLD:	8:23.10	W	10/29/2017	TEDDINGTON MASTERS -GBR
				J ADAMS, G HEYN, Z LIOKALOS, P GRIFFIN

1	Mountain View Masters-38	A	NT	9:09.77 P
	1) Schmitz, Amanda W28	2) Wrist, Andrew H M26	3) Garcia, Wilfred R M28	4) Harris, Catherine R W36
	29.64	1:01.49 (1:01.49)	1:34.31 (1:34.31)	2:07.89 (2:07.89)
	2:25.26 (17.37)	2:43.83 (35.94)	4:01.44 (1:53.55)	4:40.74 (2:32.85)
	5:12.39 (31.65)	5:47.75 (1:07.01)	6:23.80 (1:43.06)	6:59.39 (2:18.65)
	7:29.52 (30.13)	8:02.92 (1:03.53)	8:36.85 (1:37.46)	9:09.77 (2:10.38)

Mixed 100-119 200 SC Meter Medley Relay

NATL:	1:48.37	N	12/2/2017	GOLDEN ROAD AQUATICS
				M ACEINO, L PECHMANN, A ACEINO, L IBANEZ LOPEZ
PAC:	2:04.02	P	12/31/1995	DAM
				John Keppeler, Lundmark, Lynch, Schultz
WORLD:	1:48.37	W	12/2/2017	GOLDEN ROAD -USA
				M ACEINO, L PECHMANN, A ACEINO, L IBANEZ LOPEZ

1	Mountain View Masters-38	A	NT	2:09.14
	1) Garcia, Wilfred R M28	2) Harris, Catherine R W36	3) Schmitz, Amanda W28	4) Wrist, Andrew H M26
	28.91	1:11.03 (42.12)	1:41.73 (30.70)	2:09.14 (27.41)

Mixed 160-199 800 SC Meter Freestyle Relay

NATL:	8:26.62	N	10/16/2009	WALNUT CREEK MASTERS
				J SORENSEN, A ZAMANIAN, M CURRAN, R SANTOS
PAC:	8:26.62	P	10/18/2009	WCM
				J G Sorensen, A H Zamanian, M M Curran, R J Santos
WORLD:	8:26.62	W	10/16/2009	WALNUT CREEK MASTERS -USA
				J SORENSEN, A ZAMANIAN, M CURRAN, R SANTOS

1	Menlo Masters-38	A	11:05.00	10:40.16
	1) Cocca, Christopher D M53	2) Couch, Stephanie D W54	3) Capen, Tasha W52	4) Tang, Allen M22
	38.34	1:20.04 (1:20.04)	2:01.48 (2:01.48)	2:43.00 (2:43.00)
	3:04.32 (21.32)	3:21.42 (38.42)	4:03.16 (1:20.16)	5:26.84 (2:43.84)
	5:43.84 (17.00)	6:03.54 (36.70)	6:45.03 (1:18.19)	7:27.45 (2:00.61)
	8:08.64 (41.19)	8:36.81 (1:09.36)	9:10.95 (1:43.50)	10:40.16 (3:12.71)

The 15th Annual Alan Liu Memorial SCM Meet - 9/23/2018**Results - Session 1****Mixed 200-239 200 SC Meter Medley Relay**

NATL: 1:57.65 N 10/10/2012 **BLU FROG TEAM**
S HART, D CHANCE, M MIDDLETON, R ABRAHAMS

PAC: 2:11.24 P 10/9/2016 **WCM**
L Ward, I Selinger, J Boone, A Cook

WORLD: 1:57.65 W 10/14/2012 **BLU FROG TEAM -USA**
S HART, D CHANCE, M MIDDLETON, R ABRAHAMS

1 Davis Aquatic Masters-38 A 2:25.00 2:24.15
 1) Roper, Matt M37 2) Phalen, Jennifer R W54 3) McPherson, Andrew M M71 4) Russell, Jane E W55
 31.31 1:17.46 (46.15) 1:49.69 (32.23) 2:24.15 (34.46)

Mixed 240-279 200 SC Meter Medley Relay

NATL: 2:07.54 N 11/22/2015 **PUGET SOUND MASTERS**
D GRAHAM, R COLELLA, L DAHL, C DAVIS

PAC: 2:10.34 P 12/31/2009 **TAM**
R Burns, K Frost, L Val, B Wheeler

WORLD: 2:07.54 W 11/22/2015 **PUGET SOUND MASTERS -USA**
D GRAHAM, R COLELLA, L DAHL, C DAVIS

1 Fremont Hills Masters-38 A 2:45.00 2:49.65
 1) Indaco, Birgitta W59 2) Moretti, Didier M60 3) Harter, Phillip M M64 4) Igel, Victoria E W62
 51.70 1:35.53 (43.83) 2:09.35 (33.82) 2:49.65 (40.30)

Mixed 280-319 200 SC Meter Medley Relay

NATL: 2:22.04 N 9/27/2015 **TAMALPAIS AQUATIC MASTERS**
L VAL, K FROST, R BURNS, N RIDOUT

PAC: 2:22.04 P 9/27/2015 **TAM**
L Val, K Frost, R Burns, N Ridout

WORLD: 2:22.04 W 9/27/2015 **TAMALPAIS AQUATIC MASTERS-USA**
L VAL, K FROST, R BURNS, N RIDOUT

1 Menlo Masters-38 A NT 3:17.14
 1) Kay, Ann W84 2) Pinto, Harlan A M61 3) Capen, Tasha W52 4) Sulzbach, John F M84
 1:12.53 1:51.22 (38.69) 2:32.88 (41.66) 3:17.14 (44.26)