

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 25-29 50 SC Meter Freestyle**

PAC: 26.81 P 12/31/2012 Erin Reilly
 NATL: 25.52 N 12/2/2017 L IBANEZ LOPEZ
 WORLD: 25.42 W 3/12/2006 SUMIKA KOMATSU

JPN

Name	Age	Team	Finals Time
1 Zanotto, Khadija	27	Presentation Masters-38	33.67

Women 25-29 200 SC Meter Freestyle

PAC: 2:10.96 P 12/31/2010 Erin Reilly
 NATL: 1:59.39 N 12/3/2017 L IBANEZ LOPEZ
 WORLD: 1:59.39 W 12/3/2017 L.IBANEZ LOPEZ

USA

1 Zanotto, Khadija	27	Presentation Masters-38	2:34.31
34.93	1:13.16 (38.23)	1:53.28 (40.12)	2:34.31 (41.03)

Women 25-29 400 SC Meter Freestyle

PAC: 4:36.92 P 12/31/2012 Christina A McGow
 NATL: 4:24.18 N 3/31/1996 SHEILA TAORMINA
 WORLD: 4:15.74 W 10/27/2013 SOPHIE CASSON

GBR

1 Leake, Mackenzie	26	Stanford Masters Swimming-38	4:43.57
32.61	1:08.62 (36.01)	1:45.10 (36.48)	2:21.31 (36.21)
2:57.39 (36.08)	3:33.84 (36.45)	4:09.76 (35.92)	4:43.57 (33.81)

Women 25-29 200 SC Meter Backstroke

PAC: 2:30.60 P 10/11/2013 Alexandra Lee
 NATL: 2:14.77 N 11/17/2001 LIA OBERSTAR
 WORLD: 2:12.84 W 11/20/2005 KANA OHASHI

JPN

1 Leake, Mackenzie	26	Stanford Masters Swimming-38	2:30.75
36.65	1:15.40 (38.75)	1:53.93 (38.53)	2:30.75 (36.82)

Women 25-29 50 SC Meter Breaststroke

PAC: 34.58 P 12/31/2012 Katy Houston
 NATL: 31.87 N 11/21/2010 MEGAN JENDRICK
 WORLD: 30.50 W 6/8/2014 PETRA CHOCOVA

CZE

1 Leake, Mackenzie	26	Stanford Masters Swimming-38	36.68
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Women 25-29 200 SC Meter Breaststroke

PAC: 2:44.19 P 12/31/2003 Helen Salcedo
 NATL: 2:29.80 N 4/14/2012 MEGAN JENDRICK
 WORLD: 2:29.80 W 4/14/2012 MEGAN JENDRICK

USA

1 Leake, Mackenzie	26	Stanford Masters Swimming-38	2:54.33
40.00	1:25.08 (45.08)	2:10.70 (45.62)	2:54.33 (43.63)

Women 25-29 200 SC Meter Butterfly

PAC: 2:19.51 P 10/12/2014 Katie C Kastes
 NATL: 2:17.83 N 10/10/2015 CLAIRE DONAHUE
 WORLD: 2:09.64 W 5/8/2010 YUKO NAKANISHI

JPN

1 Leake, Mackenzie	26	Stanford Masters Swimming-38	2:32.76
34.48	1:14.23 (39.75)	1:54.38 (40.15)	2:32.76 (38.38)

Women 25-29 100 SC Meter IM

PAC: 1:06.99 P 12/31/2004 Allison Wagner
 NATL: 1:03.41 N 1/23/2011 MEGAN JENDRICK
 WORLD: 1:02.29 W 6/8/2014 PETRA CHOCOVA

CZE

--- Zanotto, Khadija	27	Presentation Masters-38	DQ
37.93	DQ (44.04)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 25-29 400 SC Meter IM**

	PAC:	5:16.49	P	9/23/2018	Mackenzie M Leake		
	NATL:	5:02.54	N	12/13/1998	WENKE HANSEN		
	WORLD:	4:44.98	W	9/27/2015	K.BARANOWSKA	GER	
1	Leake, Mackenzie			26	Stanford Masters Swimming-38		5:17.46
		34.00		1:13.08 (39.08)	1:54.32 (41.24)	2:34.72 (40.40)	
		3:20.19 (45.47)		4:06.49 (46.30)	4:42.98 (36.49)	5:17.46 (34.48)	
2	Macabales, Dana			28	California Gold Masters-38		6:03.19
		38.68		1:23.07 (44.39)	2:10.49 (47.42)	2:58.12 (47.63)	
		3:49.00 (50.88)		4:40.11 (51.11)	5:22.35 (42.24)	6:03.19 (40.84)	

Women 30-34 50 SC Meter Freestyle

	PAC:	25.98	P	12/31/2004	Katrina Radke		
	NATL:	25.69	N	11/10/2012	ERIKA ERNDL		
	WORLD:	25.17	W	11/29/2014	S.KNIAGININA	RUS	
1	Takaki, Carlene			34	Unattached-PC		30.13
2	Nelson, Katey			31	Presentation Masters-38		31.36

Women 30-34 100 SC Meter Freestyle

	PAC:	57.46	P	12/31/2003	Katrina Radke		
	NATL:	54.75	N	10/13/2012	ERIKA ERNDL		
	WORLD:	54.75	W	10/13/2012	ERIKA ERNDL	USA	
1	Hannon, Kate F			31	CoastSide Tiger Sharks-38		1:20.60
		38.56		1:20.60 (42.04)			

Women 30-34 50 SC Meter Backstroke

	PAC:	30.58	P	10/14/2018	Sarah M Hernandez		
	NATL:	27.61	N	11/21/2009	NORIKO INADA		
	WORLD:	27.43	W	4/19/2009	MAI NAKAMURA	JPN	
1	Nelson, Katey			31	Presentation Masters-38		35.51

Women 30-34 100 SC Meter IM

	PAC:	1:06.85	P	10/14/2018	Sarah M Hernandez		
	NATL:	1:02.52	N	10/13/2012	ERIKA ERNDL		
	WORLD:	1:02.52	W	10/13/2012	ERIKA ERNDL	USA	
1	Taheri, Nicole			34	Presentation Masters-38		1:13.09
		34.61		1:13.09 (38.48)			
2	Hannon, Kate F			31	CoastSide Tiger Sharks-38		1:34.51
		43.34		1:34.51 (51.17)			

Women 30-34 200 SC Meter IM

	PAC:	2:22.72	P	12/31/2003	Katrina Radke		
	NATL:	2:18.79	N	12/7/1996	K PIPES-NEILSEN		
	WORLD:	2:13.41	W	11/14/2009	HITOMI MATSUDA	JPN	
1	Hannon, Kate F			31	CoastSide Tiger Sharks-38		3:23.02
		43.80		1:37.63 (53.83)	2:36.57 (58.94)	3:23.02 (46.45)	

Women 30-34 400 SC Meter IM

	PAC:	5:15.90	P	12/31/2003	Jody Smith		
	NATL:	4:53.85	N	12/15/1996	K PIPES-NEILSEN		
	WORLD:	4:45.07	W	4/17/2010	HITOMI MATSUDA	JPN	
1	Taheri, Nicole			34	Presentation Masters-38		5:44.77
		34.12		1:13.91 (39.79)	2:00.00 (46.09)	2:46.25 (46.25)	
		3:35.49 (49.24)		4:25.51 (50.02)	5:05.81 (40.30)	5:44.77 (38.96)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 35-39 50 SC Meter Freestyle**

	PAC:	26.49	P	12/7/2014	Ericka L Richards		
	NATL:	25.10	N	12/3/2006	DARA TORRES		
	WORLD:	25.10	W	12/3/2006	DARA TORRES	USA	
1	Rohr, Meredith			37	Menlo Masters-38		28.65
2	Kirk, Dana			35	Fremont Hills Masters-38		29.43
3	Noriega, Samantha			37	Fremont Hills Masters-38		32.73
4	Durden, Christina			36	El Camino YMCA Masters-38		36.25
5	Klensch, Sabine			39	Albany Armada Aquatics Masters-38		38.60
6	Ashjaee, Jennifer			39	Fremont Hills Masters-38		41.30

Women 35-39 100 SC Meter Freestyle

	PAC:	58.44	P	12/7/2014	Ericka L Richards		
	NATL:	54.95	N	12/3/2006	DARA TORRES		
	WORLD:	54.95	W	12/3/2006	DARA TORRES	USA	
1	Klensch, Sabine			39	Albany Armada Aquatics Masters-38		1:22.14
	39.38				1:22.14 (42.76)		
2	Ashjaee, Jennifer			39	Fremont Hills Masters-38		1:34.03
	44.14				1:34.03 (49.89)		

Women 35-39 200 SC Meter Freestyle

	PAC:	2:06.86	P	12/31/1999	Jill S Hernandez		
	NATL:	2:03.56	N	12/14/1997	K PIPES-NEILSEN		
	WORLD:	2:03.12	W	3/25/2012	HITOMI MATSUDA	JPN	
1	Klensch, Sabine			39	Albany Armada Aquatics Masters-38		2:58.72
	41.97				1:26.85 (44.88) 2:13.14 (46.29) 2:58.72 (45.58)		

Women 35-39 400 SC Meter Freestyle

	PAC:	4:26.57	P	12/31/1999	Jill S Hernandez		
	NATL:	4:22.56	N	12/12/1999	K PIPES-NEILSEN		
	WORLD:	4:22.56	W	12/12/1999	K.PIPES-NEILSEN	USA	
1	Harris, Catherine			37	Mountain View Masters-38		5:28.32
	36.87				1:17.10 (40.23) 1:58.77 (41.67) 2:40.61 (41.84)		
	3:22.81 (42.20)				4:05.24 (42.43) 4:47.71 (42.47) 5:28.32 (40.61)		
2	Rueda, Marcela			37	Santa Rosa Masters-38		5:28.84
	36.74				1:17.41 (40.67) 1:59.43 (42.02) 2:41.41 (41.98)		
	3:23.32 (41.91)				4:05.58 (42.26) 4:47.43 (41.85) 5:28.84 (41.41)		
3	Nehrebecki, Helene			39	Davis Aquatic Masters-38		5:38.87
	37.15				1:18.65 (41.50) 2:02.42 (43.77) 2:46.09 (43.67)		
	3:30.05 (43.96)				4:14.01 (43.96) 4:57.25 (43.24) 5:38.87 (41.62)		

Women 35-39 50 SC Meter Backstroke

	PAC:	32.02	P	10/12/2014	Ericka L Richards		
	NATL:	27.63	N	11/13/2016	NORIKO INADA		
	WORLD:	27.63	W	11/13/2016	NORIKO INADA	USA	
1	Rohr, Meredith			37	Menlo Masters-38		32.65
2	Noriega, Samantha			37	Fremont Hills Masters-38		37.01
3	Durden, Christina			36	El Camino YMCA Masters-38		43.65
4	Klensch, Sabine			39	Albany Armada Aquatics Masters-38		44.38

Women 35-39 200 SC Meter Backstroke

	PAC:	2:29.14	P	12/31/2006	Alison H Zamanian		
	NATL:	2:14.10	N	12/14/1997	K PIPES-NEILSEN		
	WORLD:	2:13.37	W	11/16/2013	KANA OHASHI	JPN	
1	Rueda, Marcela			37	Santa Rosa Masters-38		2:54.82
	42.72				1:27.60 (44.88) 2:11.93 (44.33) 2:54.82 (42.89)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Women 35-39 200 SC Meter Backstroke)**

2	Nehrebecki, Helene	39	Davis Aquatic Masters-38	3:05.88
	42.55	1:30.24 (47.69)	2:18.88 (48.64)	3:05.88 (47.00)

Women 35-39 50 SC Meter Breaststroke

	PAC:	32.48	P	10/10/2015	Katie Glenn	
	NATL:	32.48	N	10/10/2015	KATIE GLENN	
	WORLD:	31.87	W	3/25/2012	HITOMI MATSUDA	JPN
1	Rueda, Marcela	37	Santa Rosa Masters-38	39.27		
2	Klensch, Sabine	39	Albany Armada Aquatics Masters-38	46.88		

Women 35-39 200 SC Meter Breaststroke

	PAC:	2:37.13	P	10/10/2015	Katie Glenn	
	NATL:	2:33.73	N	11/23/2014	CYNTHIA LEWIS	
	WORLD:	2:30.63	W	3/10/2012	HITOMI MATSUDA	JPN
1	Rueda, Marcela	37	Santa Rosa Masters-38	3:01.72		
	40.68	1:25.91 (45.23)	2:12.93 (47.02)	3:01.72 (48.79)		
2	Nehrebecki, Helene	39	Davis Aquatic Masters-38	3:14.46		
	43.21	1:32.48 (49.27)	2:22.83 (50.35)	3:14.46 (51.63)		

Women 35-39 200 SC Meter Butterfly

	PAC:	2:25.06	P	12/31/1997	Jill S Hernandez	
	NATL:	2:18.41	N	12/14/1997	K PIPES-NEILSEN	
	WORLD:	2:16.67	W	8/25/2012	HITOMI MATSUDA	JPN
1	Rueda, Marcela	37	Santa Rosa Masters-38	3:05.18		
	39.20	1:26.37 (47.17)	2:15.55 (49.18)	3:05.18 (49.63)		
2	Nehrebecki, Helene	39	Davis Aquatic Masters-38	3:06.37		
	41.01	1:29.45 (48.44)	2:18.56 (49.11)	3:06.37 (47.81)		

Women 35-39 100 SC Meter IM

	PAC:	1:06.34	P	10/10/2015	Katie Glenn	
	NATL:	1:04.61	N	11/22/2009	SHERI HART	
	WORLD:	1:03.17	W	3/10/2012	HITOMI MATSUDA	JPN
1	Kirk, Dana	35	Fremont Hills Masters-38	1:13.58		
	34.81	1:13.58 (38.77)				
2	Klensch, Sabine	39	Albany Armada Aquatics Masters-38	1:32.52		
	44.37	1:32.52 (48.15)				

Women 35-39 400 SC Meter IM

	PAC:	5:10.43	P	12/31/1999	Jill S Hernandez	
	NATL:	4:52.85	N	12/14/1997	K PIPES-NEILSEN	
	WORLD:	4:52.85	W	12/14/1997	K.PIPES-NEILSEN	USA
1	Rueda, Marcela	37	Santa Rosa Masters-38	6:06.74		
	39.95	1:27.44 (47.49)	2:16.09 (48.65)	3:04.23 (48.14)		
	3:53.58 (49.35)	4:44.27 (50.69)	5:26.51 (42.24)	6:06.74 (40.23)		
2	Nehrebecki, Helene	39	Davis Aquatic Masters-38	6:29.06		
	39.34	1:27.69 (48.35)	2:19.55 (51.86)	3:09.34 (49.79)		
	6:29.06 (3:19.72)					

Women 40-44 50 SC Meter Freestyle

	PAC:	27.54	P	12/31/2000	Jill S Hernandez	
	NATL:	26.02	N	12/14/2014	ERIKA BRAUN	
	WORLD:	26.02	W	12/14/2014	ERIKA BRAUN	USA
1	Schulz, Tara	42	El Camino YMCA Masters-38	31.60		
2	Wu, Debra	41	Uc38-38	36.22		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 45-49 50 SC Meter Backstroke**

PAC:	32.67	P	12/31/1999	Laura B Val		
NATL:	30.58	N	12/2/2007	K PIPES-NEILSEN		
WORLD:	30.25	W	4/26/2014	CINDY MABEE	CAN	
1	Fu, Sandra		48	Walnut Creek Masters-38		47.49

Women 45-49 50 SC Meter Breaststroke

PAC:	37.32	P	12/31/2004	Leianne S Critten		
NATL:	33.82	N	10/10/2010	S VON DER LIPPE		
WORLD:	33.01	W	7/16/2017	LINLEY FRAME	AUS	
1	Konkol-Zamir, Simona		49	Fremont Hills Masters-38		47.56
2	Shafa, Atossa		49	Mountain View Masters-38		55.13

Women 45-49 100 SC Meter IM

PAC:	1:10.77	P	10/18/2009	Lisa A Ward		
NATL:	1:05.75	N	12/12/2009	K PIPES-NEILSEN		
WORLD:	1:05.61	W	2/26/2009	K.PIPES-NEILSEN	FRA	
1	Konkol-Zamir, Simona		49	Fremont Hills Masters-38		1:29.59
	44.85			1:29.59 (44.74)		

Women 50-54 50 SC Meter Freestyle

PAC:	28.11	P	12/31/2009	Suzanne M Heim-Bo		
NATL:	27.67	N	3/15/2014	SUE WALSH		
WORLD:	26.27	W	3/27/2015	M.THERESE FUZZATI	FRA	
1	Nelson, Sheila		51	Santa Rosa Masters-38		33.19
2	Goodbrake, Carol		54	Piranhas Aquatic Club-38		41.68
3	Lu, Yanping		51	Fremont Hills Masters-38		45.78
4	Zhang, Juan		54	Fremont Hills Masters-38		50.75

Women 50-54 100 SC Meter Freestyle

PAC:	1:01.49	P	12/31/2001	Laura B Val		
NATL:	1:01.41	N	9/27/2014	ELLEN REYNOLDS		
WORLD:	58.60	W	1/25/2015	M.THERESE FUZZATI	FRA	
1	Shu, Vicki		51	Marcia's Enthusiastic Masters-38		1:12.97
	35.16			1:12.97 (37.81)		
2	Harris, Karen		53	Richmond Plunge Masters-38		1:20.26
	39.63			1:20.26 (40.63)		
3	Goodbrake, Carol		54	Piranhas Aquatic Club-38		1:35.16
	46.13			1:35.16 (49.03)		
4	Richards, Deborah		51	El Camino YMCA Masters-38		1:35.40
	44.97			1:35.40 (50.43)		
5	Lu, Yanping		51	Fremont Hills Masters-38		1:47.68
	53.13			1:47.68 (54.55)		

Women 50-54 200 SC Meter Freestyle

PAC:	2:10.72	P	12/31/2009	Suzanne M Heim-Bo		
NATL:	2:10.72	N	12/6/2009	S HEIM-BOWEN		
WORLD:	2:10.72	W	12/6/2009	S.HEIM-BOWEN	USA	
1	Shu, Vicki		51	Marcia's Enthusiastic Masters-38		2:36.02
	36.91			1:16.01 (39.10)	1:56.63 (40.62)	2:36.02 (39.39)
2	Nelson, Sheila		51	Santa Rosa Masters-38		2:36.63
	36.91			1:17.22 (40.31)	1:57.93 (40.71)	2:36.63 (38.70)
3	Harris, Karen		53	Richmond Plunge Masters-38		2:55.89
	40.58			1:24.54 (43.96)	2:10.91 (46.37)	2:55.89 (44.98)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 50-54 400 SC Meter Freestyle**

PAC: 4:35.54		P 12/31/2009	Suzanne M Heim-Bo		
NATL: 4:35.54		N 12/5/2009	S HEIM-BOWEN		
WORLD: 4:34.81		W 1/29/2011	LYNN MARSHALL		CAN
1	Nelson, Sheila	51	Santa Rosa Masters-38		5:37.09
	38.72	1:20.66 (41.94)	2:03.43 (42.77)	2:46.05 (42.62)	
	3:29.23 (43.18)	4:12.34 (43.11)	4:55.31 (42.97)	5:37.09 (41.78)	
2	Bulman, Robin	54	Santa Rosa Masters-38		5:52.01
	39.04	1:22.87 (43.83)	2:08.10 (45.23)	2:53.17 (45.07)	
	3:38.15 (44.98)	4:22.73 (44.58)	5:08.00 (45.27)	5:52.01 (44.01)	
3	Harris, Karen	53	Richmond Plunge Masters-38		6:24.00
	43.62	1:31.76 (48.14)	2:20.59 (48.83)	3:09.71 (49.12)	
	3:59.57 (49.86)	4:49.11 (49.54)	5:38.45 (49.34)	6:24.00 (45.55)	

Women 50-54 50 SC Meter Backstroke

PAC: 32.72		P 12/31/2005	Laura B Val		
NATL: 30.27		N 12/13/2015	LESLIE LIVINGSTON		
WORLD: 30.27		W 12/13/2015	LESLIE LIVINGSTON		USA
1	Goodbrake, Carol	54	Piranhas Aquatic Club-38		56.28

Women 50-54 200 SC Meter Backstroke

PAC: 2:35.02		P 12/31/2010	Bonnie M Bilich		
NATL: 2:22.37		N 3/8/2014	ELLEN REYNOLDS		
WORLD: 2:22.37		W 3/8/2014	ELLEN REYNOLDS		USA
1	Shu, Vicki	51	Marcia's Enthusiastic Masters-38		3:12.14
	46.88	1:36.00 (49.12)	2:24.58 (48.58)	3:12.14 (47.56)	
2	Bulman, Robin	54	Santa Rosa Masters-38		3:24.56
	49.61	1:42.05 (52.44)	2:34.00 (51.95)	3:24.56 (50.56)	

Women 50-54 50 SC Meter Breaststroke

PAC: 35.61		P 10/21/2007	Patty L Harris		
NATL: 36.31		N 11/22/2015	CAROLINE KRATTLI		
WORLD: 33.96		W 11/24/2012	MONICA CORO		ITA
1	Bulman, Robin	54	Santa Rosa Masters-38		41.70
2	Nelson, Sheila	51	Santa Rosa Masters-38		45.09
3	Goodbrake, Carol	54	Piranhas Aquatic Club-38		56.95
4	Zhang, Juan	54	Fremont Hills Masters-38		1:01.00
---	Richards, Deborah	51	El Camino YMCA Masters-38		DQ

Women 50-54 200 SC Meter Breaststroke

PAC: 2:57.30		P 12/31/2009	Cokie Lepinski		
NATL: 2:50.36		N 12/4/2016	ELLEN REYNOLDS		
WORLD: 2:46.24		W 3/26/2017	MARZENA KULIS		ITA
1	Bulman, Robin	54	Santa Rosa Masters-38		3:21.41
	45.43	1:37.03 (51.60)	2:29.36 (52.33)	3:21.41 (52.05)	
2	Shu, Vicki	51	Marcia's Enthusiastic Masters-38		3:32.32
	50.80	1:45.21 (54.41)	2:39.97 (54.76)	3:32.32 (52.35)	

Women 50-54 50 SC Meter Butterfly

PAC: 31.16		P 12/31/2001	Laura B Val		
NATL: 29.25		N 3/16/2013	LESLIE LIVINGSTON		
WORLD: 29.25		W 3/16/2013	LESLIE LIVINGSTON		USA
1	Nelson, Sheila	51	Santa Rosa Masters-38		40.34
2	Goodbrake, Carol	54	Piranhas Aquatic Club-38		49.10
3	Lu, Yanping	51	Fremont Hills Masters-38		56.27

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 50-54 200 SC Meter Butterfly**

PAC: 2:35.36 P 10/11/2013 Jill S Hernandez

NATL: 2:32.29 N 12/9/2012 KARLYN PIPES

WORLD: 2:28.08 W 5/8/2011 LYNN MARSHALL

CAN

1	Shu, Vicki	51	Marcia's Enthusiastic Masters-38			3:03.16
	40.94	1:27.97 (47.03)	2:16.15 (48.18)	3:03.16 (47.01)		
2	Bulman, Rolin A	54	Santa Rosa Masters-38			3:28.22
	44.91	1:40.74 (55.83)	2:36.11 (55.37)	3:28.22 (52.11)		

Women 50-54 100 SC Meter IM

PAC: 1:13.92 P 12/31/2002 Laura B Val

NATL: 1:08.79 N 11/18/2018 ELLEN REYNOLDS

WORLD: 1:07.85 W 11/7/2015 ANETTE PHILIPSSON

SWE

1	Nelson, Sheila	51	Santa Rosa Masters-38			1:26.88
	41.29	1:26.88 (45.59)				
---	Richards, Deborah	51	El Camino YMCA Masters-38			DQ
	50.38	DQ (58.64)				

Women 50-54 200 SC Meter IM

PAC: 2:31.96 P 10/11/2013 Jill S Hernandez

NATL: 2:27.39 N 11/17/2018 ELLEN REYNOLDS

WORLD: 2:28.64 W 9/28/2014 ELLEN REYNOLDS

USA

1	Shu, Vicki	51	Marcia's Enthusiastic Masters-38			3:11.70
	39.43	1:28.87 (49.44)	2:28.04 (59.17)	3:11.70 (43.66)		

Women 50-54 400 SC Meter IM

PAC: 5:36.28 P 12/31/2002 Laura B Val

NATL: 5:10.96 N 9/26/2014 ELLEN REYNOLDS

WORLD: 5:10.96 W 9/26/2014 ELLEN REYNOLDS

USA

1	Bulman, Robin	54	Santa Rosa Masters-38			7:00.14
	47.26	1:42.29 (55.03)	2:39.18 (56.89)	3:34.80 (55.62)		
	4:27.17 (52.37)	5:21.41 (54.24)	6:11.20 (49.79)	7:00.14 (48.94)		

Women 55-59 50 SC Meter Freestyle

PAC: 28.49 P 12/31/2009 Laura B Val

NATL: 27.81 N 3/5/2016 LESLIE LIVINGSTON

WORLD: 27.81 W 3/5/2016 LESLIE LIVINGSTON

USA

1	Taylor, Catherine	56	Walnut Creek Masters-38			35.04
2	Schneider, Ellen	58	Fremont Hills Masters-38			39.82

Women 55-59 100 SC Meter Freestyle

PAC: 1:01.33 P 12/31/2009 Laura B Val

NATL: 1:00.61 N 1/20/2017 KARLYN PIPES

WORLD: 1:00.61 W 1/20/2017 KARLYN PIPES

USA

1	Taylor, Catherine	56	Walnut Creek Masters-38			1:17.39
	36.74	1:17.39 (40.65)				

Women 55-59 200 SC Meter Freestyle

PAC: 2:14.45 P 12/31/2009 Laura B Val

NATL: 2:13.89 N 4/22/2017 KARLYN PIPES

WORLD: 2:13.58 W 2/28/2016 LYNN MARSHALL

CAN

1	Taylor, Catherine	56	Walnut Creek Masters-38			2:50.87
	40.38	1:25.29 (44.91)	2:09.36 (44.07)	2:50.87 (41.51)		
2	Focha, Teresa	58	Modesto Area Aquatic Club-38			3:52.95
	53.14	1:53.02 (59.88)	2:53.17 (1:00.15)	3:52.95 (59.78)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 55-59 400 SC Meter Freestyle**

PAC: 4:42.97 P 12/31/2009 Laura B Val

NATL: 4:42.97 N 10/4/2009 LAURA VAL

WORLD: 4:37.35 W 1/23/2016 LYNN MARSHALL

CAN

1	Couch, Stephanie	55	Menlo Masters-38		5:30.81
	39.20	1:21.60 (42.40)	2:03.93 (42.33)	2:46.09 (42.16)	
	3:27.71 (41.62)	4:09.31 (41.60)	4:50.83 (41.52)	5:30.81 (39.98)	
2	Russell, Jane	56	Davis Aquatic Masters-38		5:40.45
	39.65	1:22.19 (42.54)	2:05.42 (43.23)	2:48.67 (43.25)	
	3:31.75 (43.08)	4:14.72 (42.97)	4:58.11 (43.39)	5:40.45 (42.34)	
3	Focha, Teresa	58	Modesto Area Aquatic Club-38		6:24.01
	53.93	1:54.53 (1:00.60)	2:55.11 (1:00.58)	3:56.71 (1:01.60)	
	4:57.46 (1:00.75)	5:58.99 (1:01.53)	6:24.01 (25.02)		
4	Carroll, Leah	58	Albany Armada Aquatics Masters-38		8:23.09
	55.47	1:58.90 (1:03.43)	3:02.82 (1:03.92)	4:06.91 (1:04.09)	
	5:10.50 (1:03.59)	6:16.90 (1:06.40)	7:21.39 (1:04.49)	8:23.09 (1:01.70)	

Women 55-59 50 SC Meter Backstroke

PAC: 32.62 P 12/31/2009 Laura B Val

NATL: 30.12 N 3/5/2016 LESLIE LIVINGSTON

WORLD: 30.12 W 3/5/2016 LESLIE LIVINGSTON

USA

1	Schneider, Ellen	58	Fremont Hills Masters-38		48.33
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Women 55-59 200 SC Meter Backstroke

PAC: 2:32.58 P 10/14/2018 Jill S Hernandez

NATL: 2:29.22 N 1/22/2017 KARLYN PIPES

WORLD: 2:29.22 W 1/22/2017 KARLYN PIPES

USA

1	Glassman, Lucille	56	Fremont Hills Masters-38		2:58.39
	42.52	1:27.97 (45.45)	2:13.45 (45.48)	2:58.39 (44.94)	
2	Couch, Stephanie	55	Menlo Masters-38		3:01.33
	44.24	1:29.73 (45.49)	2:15.95 (46.22)	3:01.33 (45.38)	
3	Russell, Jane	56	Davis Aquatic Masters-38		3:07.21
	43.95	1:31.18 (47.23)	2:19.67 (48.49)	3:07.21 (47.54)	
4	Carroll, Leah	58	Albany Armada Aquatics Masters-38		4:01.37
	57.54	2:01.58 (1:04.04)	3:02.57 (1:00.99)	4:01.37 (58.80)	
5	Focha, Teresa	58	Modesto Area Aquatic Club-38		4:26.91
	1:03.71	2:12.26 (1:08.55)	3:20.17 (1:07.91)	4:26.91 (1:06.74)	

Women 55-59 50 SC Meter Breaststroke

PAC: 40.27 P 12/31/2001 Carolyn Boak

NATL: 36.47 N 11/5/2017 CAROLINE KRATTLI

WORLD: 35.15 W 4/9/2017 MONICA CORO

ITA

1	Taylor, Catherine	56	Walnut Creek Masters-38		46.36
2	Carroll, Leah	58	Albany Armada Aquatics Masters-38		54.50

Women 55-59 200 SC Meter Breaststroke

PAC: 3:07.11 P 9/23/2018 Lucille R Glassma

NATL: 3:00.66 N 3/16/2019 CORRIN BUCK

WORLD: 2:53.16 W 4/22/2017 MONICA CORO

ITA

1	Russell, Jane	56	Davis Aquatic Masters-38		3:33.79
	48.49	1:42.93 (54.44)	2:38.95 (56.02)	3:33.79 (54.84)	
2	Carroll, Leah	58	Albany Armada Aquatics Masters-38		4:18.42
	58.92	2:06.02 (1:07.10)	3:14.13 (1:08.11)	4:18.42 (1:04.29)	
3	Focha, Teresa	58	Modesto Area Aquatic Club-38		4:52.07
	1:09.41	2:24.14 (1:14.73)	3:39.71 (1:15.57)	4:52.07 (1:12.36)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 55-59 200 SC Meter Butterfly**

PAC: 2:31.13 P 12/31/2008 Laura B Val

NATL: 2:31.13 N 9/14/2008 LAURA VAL

WORLD: 2:31.13 W 9/14/2008 LAURA VAL

USA

1	Russell, Jane	56	Davis Aquatic Masters-38			3:11.90
	42.11	1:30.85 (48.74)	2:22.03 (51.18)	3:11.90 (49.87)		
2	Carroll, Leah	58	Albany Armada Aquatics Masters-38			3:55.45
	54.39	1:55.59 (1:01.20)	2:56.61 (1:01.02)	3:55.45 (58.84)		
3	Focha, Teresa	58	Modesto Area Aquatic Club-38			4:25.74
	1:00.13	2:10.52 (1:10.39)	3:18.73 (1:08.21)	4:25.74 (1:07.01)		

Women 55-59 400 SC Meter IM

PAC: 5:39.30 P 12/31/2009 Laura B Val

NATL: 5:25.71 N 4/23/2017 KARLYN PIPES

WORLD: 5:23.08 W 4/1/2016 LYNN MARSHALL

CAN

1	Couch, Stephanie	55	Menlo Masters-38			6:23.70
	43.44	1:33.47 (50.03)	2:20.85 (47.38)	3:07.15 (46.30)		
	4:03.46 (56.31)	5:00.32 (56.86)	5:42.44 (42.12)	6:23.70 (41.26)		
2	Russell, Jane	56	Davis Aquatic Masters-38			6:31.52
	38.84	1:24.65 (45.81)	2:15.00 (50.35)	3:06.08 (51.08)		
	4:04.80 (58.72)	5:04.47 (59.67)	5:49.03 (44.56)	6:31.52 (42.49)		
3	Taylor, Catherine	56	Walnut Creek Masters-38			7:11.17
	50.82	2:46.40 (1:55.58)	3:39.57 (53.17)	4:38.34 (58.77)		
	5:38.47 (1:00.13)	6:26.09 (47.62)	7:11.24 (45.15)	7:11.17 ()		
4	Carroll, Leah	58	Albany Armada Aquatics Masters-38			8:23.99
	55.75	1:58.07 (1:02.32)	2:59.49 (1:01.42)	4:01.44 (1:01.95)		
	5:09.60 (1:08.16)	6:17.32 (1:07.72)	7:23.15 (1:05.83)	8:23.99 (1:00.84)		
5	Focha, Teresa	58	Modesto Area Aquatic Club-38			8:52.27
	57.67	2:02.50 (1:04.83)	3:13.30 (1:10.80)	4:21.32 (1:08.02)		
	5:38.58 (1:17.26)	6:52.75 (1:14.17)	7:51.91 (59.16)	8:52.27 (1:00.36)		

Women 60-64 50 SC Meter Freestyle

PAC: 29.23 P 12/6/2013 Laura B Val

NATL: 29.23 N 12/7/2013 LAURA VAL

WORLD: 28.50 W 5/26/2018 JENNY WHITELEY

AUS

1	Feeley, Louise	60	Menlo Masters-38			33.46
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Women 60-64 100 SC Meter Freestyle

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

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

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

USA

1	Feeley, Louise	60	Menlo Masters-38			1:15.88
	36.65	1:15.88 (39.23)				
2	Boyer, Karen	63	Peninsula Community Center Mas-38			1:25.44
	40.70	1:25.44 (44.74)				

Women 60-64 200 SC Meter Freestyle

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

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

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

USA

1	Boyer, Karen	63	Peninsula Community Center Mas-38			3:03.78
	41.47	1:28.35 (46.88)	2:17.20 (48.85)	3:03.78 (46.58)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 60-64 400 SC Meter Freestyle**

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

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

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

USA

1	Nip, Carol	62	Albany Armada Aquatics Masters-38		7:26.79
	48.65	1:45.46 (56.81)	2:42.49 (57.03)	3:40.65 (58.16)	
	4:38.55 (57.90)	5:35.98 (57.43)	6:32.65 (56.67)	7:26.79 (54.14)	

Women 60-64 200 SC Meter Backstroke

PAC: 2:35.84 P 10/14/2018 Bonnie M Bilich

NATL: 2:35.84 N 10/14/2018 BONNIE BILICH

WORLD: 2:40.04 W 11/21/2015 LAURA VAL

USA

1	Haufler, Susan	61	Marcia's Enthusiastic Masters-38		3:35.37
	48.67	1:41.97 (53.30)	2:38.33 (56.36)	3:35.37 (57.04)	
2	Boyer, Karen	63	Peninsula Community Center Mas-38		3:40.21
	49.23	1:46.57 (57.34)	2:44.39 (57.82)	3:40.21 (55.82)	
3	Nip, Carol	62	Albany Armada Aquatics Masters-38		4:10.59
	57.69	2:03.39 (1:05.70)	3:09.59 (1:06.20)	4:10.59 (1:01.00)	

Women 60-64 50 SC Meter Breaststroke

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

NATL: 38.87 N 12/4/2016 COLETTE CRABBE

WORLD: 37.08 W 5/26/2018 JENNY WHITELEY

AUS

1	Haufler, Susan	61	Marcia's Enthusiastic Masters-38		48.67
2	Nip, Carol	62	Albany Armada Aquatics Masters-38		53.33

Women 60-64 200 SC Meter Breaststroke

PAC: 3:10.29 P 10/14/2018 Bonnie M Bilich

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

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

AUS

1	Haufler, Susan	61	Marcia's Enthusiastic Masters-38		3:53.34
	53.75	1:53.30 (59.55)	2:53.47 (1:00.17)	3:53.34 (59.87)	
2	Boyer, Karen	63	Peninsula Community Center Mas-38		3:54.28
	51.74	1:51.62 (59.88)	2:53.58 (1:01.96)	3:54.28 (1:00.70)	
3	Nip, Carol	62	Albany Armada Aquatics Masters-38		4:02.41
	56.67	2:00.43 (1:03.76)	3:02.10 (1:01.67)	4:02.41 (1:00.31)	

Women 60-64 200 SC Meter Butterfly

PAC: 2:41.25 P 12/31/2011 Laura B Val

NATL: 2:41.25 N 12/3/2011 LAURA VAL

WORLD: 2:41.25 W 12/3/2011 LAURA VAL

USA

1	Haufler, Susan	61	Marcia's Enthusiastic Masters-38		4:12.38
	51.71	1:59.03 (1:07.32)	3:03.73 (1:04.70)	4:12.38 (1:08.65)	
2	Nip, Carol	62	Albany Armada Aquatics Masters-38		4:52.85

Women 60-64 100 SC Meter IM

PAC: 1:15.07 P 10/6/2013 Laura B Val

NATL: 1:15.07 N 10/6/2013 LAURA VAL

WORLD: 1:15.07 W 10/6/2013 LAURA VAL

USA

1	Feeley, Louise	60	Menlo Masters-38		1:28.80
	42.63	1:28.80 (46.17)			

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 60-64 200 SC Meter IM**

	PAC:	2:41.53	P	12/6/2013	Laura B Val		
	NATL:	2:41.53	N	12/6/2013	LAURA VAL		
	WORLD:	2:41.53	W	12/6/2013	LAURA VAL	USA	
---	Boyer, Karen			63	Peninsula Community Center Mas-38		DQ
		45.57		1:42.10 (56.53)	2:43.94 (1:01.84)		DQ (49.01)

Women 60-64 400 SC Meter IM

	PAC:	5:51.81	P	9/25/2011	Laura B Val		
	NATL:	5:50.34	N	12/2/2017	COLETTE CRABBE		
	WORLD:	5:50.34	W	12/2/2017	COLETTE CRABBE	USA	
1	Haufler, Susan			61	Marcia's Enthusiastic Masters-38		7:24.70
		51.25		1:51.87 (1:00.62)	2:47.15 (55.28)		3:43.87 (56.72)
		4:47.27 (1:03.40)		5:48.90 (1:01.63)	6:36.68 (47.78)		7:24.70 (48.02)
2	Nip, Carol			62	Albany Armada Aquatics Masters-38		8:15.26
		56.63		2:08.09 (1:11.46)	3:10.66 (1:02.57)		4:16.89 (1:06.23)
		5:20.65 (1:03.76)		6:24.42 (1:03.77)	7:20.68 (56.26)		8:15.26 (54.58)

Women 65-69 50 SC Meter Freestyle

	PAC:	29.30	P	11/19/2016	Laura B Val		
	NATL:	29.30	N	11/19/2016	LAURA VAL		
	WORLD:	29.30	W	11/19/2016	LAURA VAL	USA	
1	Val, Laura			68	Tamalpais Aquatic Masters-38		29.78
2	Waln, Carol			65	Fremont Hills Masters-38		40.30
3	Thomas, Elaine			65	Mountain View Masters-38		42.88
4	Latham, Kate			67	Mountain View Masters-38		44.83
5	McCall, Janice			66	Fremont Hills Masters-38		1:01.63

Women 65-69 100 SC Meter Freestyle

	PAC:	1:04.40	P	12/1/2017	Laura B Val		
	NATL:	1:04.40	N	12/1/2017	LAURA VAL		
	WORLD:	1:04.40	W	12/1/2017	LAURA VAL	USA	
1	Guthrie, Sally			69	Davis Aquatic Masters-38		1:18.85
		38.42		1:18.85 (40.43)			
2	Waln, Carol			65	Fremont Hills Masters-38		1:33.13
		44.19		1:33.13 (48.94)			

Women 65-69 200 SC Meter Freestyle

	PAC:	2:23.26	P	11/18/2017	Laura B Val		
	NATL:	2:23.26	N	11/18/2017	LAURA VAL		
	WORLD:	2:23.26	W	11/18/2017	LAURA VAL	USA	
1	Guthrie, Sally			69	Davis Aquatic Masters-38		2:53.79
		40.91		1:25.06 (44.15)	2:09.71 (44.65)		2:53.79 (44.08)
2	Latham, Kate			67	Mountain View Masters-38		3:31.51
		47.55		1:42.05 (54.50)	2:37.62 (55.57)		3:31.51 (53.89)
3	Thomas, Elaine			65	Mountain View Masters-38		3:38.97
		46.74		1:40.91 (54.17)	2:39.99 (59.08)		3:38.97 (58.98)

Women 65-69 50 SC Meter Backstroke

	PAC:	33.71	P	12/2/2018	Laura B Val		
	NATL:	33.71	N	12/2/2018	LAURA VAL		
	WORLD:	33.99	W	12/3/2017	LAURA VAL	USA	
1	Val, Laura			68	Tamalpais Aquatic Masters-38		33.41 P
2	Waln, Carol			65	Fremont Hills Masters-38		47.25
3	Thomas, Elaine			65	Mountain View Masters-38		51.32
4	Latham, Kate			67	Mountain View Masters-38		56.18

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 65-69 200 SC Meter Backstroke**

PAC: 2:42.87 P 12/1/2017 Laura B Val

NATL: 2:42.87 N 12/1/2017 LAURA VAL

WORLD: 2:42.87 W 12/1/2017 LAURA VAL

USA

1	Waln, Carol	65	Fremont Hills Masters-38			3:51.76
	53.04	1:52.55 (59.51)	2:53.63 (1:01.08)	3:51.76 (58.13)		

Women 65-69 200 SC Meter Breaststroke

PAC: 3:31.96 P 12/31/2009 Daniela Barnea

NATL: 3:10.94 N 4/14/2019 LO KNAPP

WORLD: 3:10.75 W 7/18/2015 JANETTE JEFFREY

AUS

1	Cambra-Brungard, Jeanne	67	Ladera Oaks Masters-38			3:59.50
	57.27	1:57.58 (1:00.31)	2:58.28 (1:00.70)	3:59.50 (1:01.22)		
2	Latham, Kate	67	Mountain View Masters-38			4:08.25
	58.66	2:00.61 (1:01.95)	3:03.40 (1:02.79)	4:08.25 (1:04.85)		

Women 65-69 50 SC Meter Butterfly

PAC: 33.06 P 11/19/2017 Laura B Val

NATL: 33.06 N 11/19/2017 LAURA VAL

WORLD: 33.06 W 11/19/2017 LAURA VAL

USA

1	Val, Laura	68	Tamalpais Aquatic Masters-38			34.06
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Women 65-69 200 SC Meter Butterfly

PAC: 2:45.20 P 9/18/2016 Laura B Val

NATL: 2:45.20 N 9/18/2016 LAURA VAL

WORLD: 2:45.20 W 9/18/2016 LAURA VAL

USA

1	Guthrie, Sally	69	Davis Aquatic Masters-38			3:40.82
	48.82	1:45.26 (56.44)	2:44.43 (59.17)	3:40.82 (56.39)		

Women 65-69 100 SC Meter IM

PAC: 1:16.67 P 11/19/2016 Laura B Val

NATL: 1:16.67 N 11/19/2016 LAURA VAL

WORLD: 1:16.67 W 11/19/2016 LAURA VAL

USA

1	Latham, Kate	67	Mountain View Masters-38			1:57.94
	59.72	1:57.94 (58.22)				
2	Thomas, Elaine	65	Mountain View Masters-38			2:01.69
	55.45	2:01.69 (1:06.24)				

Women 65-69 200 SC Meter IM

PAC: 2:48.15 P 9/18/2016 Laura B Val

NATL: 2:48.15 N 9/18/2016 LAURA VAL

WORLD: 2:48.15 W 9/18/2016 LAURA VAL

USA

1	Val, Laura	68	Tamalpais Aquatic Masters-38			2:48.41
	34.63	1:17.56 (42.93)	2:11.19 (53.63)	2:48.41 (37.22)		

Women 70-74 200 SC Meter Freestyle

PAC: 2:55.90 P 10/14/2018 Ruth Y Shaps

NATL: 2:43.60 N 11/20/2016 DIANN UUSTAL

WORLD: 2:43.60 W 11/20/2016 DIANN UUSTAL

USA

1	Dutro, Cynthia	71	Menlo Masters-38			3:24.39
	45.82	1:37.94 (52.12)	2:31.48 (53.54)	3:24.39 (52.91)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 70-74 400 SC Meter Freestyle**

	PAC:	6:17.01	P	1/26/2019	Ruth Y Shaps		
	NATL:	5:56.79	N	11/12/2016	CAROLYN BOAK		
	WORLD:	5:50.41	W	11/15/2008	YOSHIKO OSAKI	JPN	
1	Dutro, Cynthia			71	Menlo Masters-38		7:08.56
		46.40		1:39.22 (52.82)	2:33.87 (54.65)	3:29.65 (55.78)	
		4:25.44 (55.79)		5:20.37 (54.93)	6:15.36 (54.99)	7:08.56 (53.20)	

Women 70-74 50 SC Meter Backstroke

	PAC:	43.73	P	10/14/2018	Ruth Y Shaps		
	NATL:	38.21	N	12/11/2016	DIANN UUSTAL		
	WORLD:	37.50	W	3/21/2015	MARGIT OHLSSON	SWE	
1	Renshaw, Diane			74	Mountain View Masters-38		1:06.66

Women 70-74 200 SC Meter Breaststroke

	PAC:	3:44.52	P	9/28/2014	Daniela Barnea		
	NATL:	3:25.76	N	3/21/2009	JOANN LEILICH		
	WORLD:	3:24.57	W	1/21/2017	NOBUKO YASUDA	JPN	
1	Dutro, Cynthia			71	Menlo Masters-38		4:07.12
		57.65		2:00.77 (1:03.12)	3:04.42 (1:03.65)	4:07.12 (1:02.70)	

Women 70-74 50 SC Meter Butterfly

	PAC:	40.66	P	12/31/1999	Gail Roper		
	NATL:	35.12	N	3/5/2016	DIANN UUSTAL		
	WORLD:	35.12	W	3/5/2016	DIANN UUSTAL	USA	
1	Dutro, Cynthia			71	Menlo Masters-38		53.71
2	Renshaw, Diane			74	Mountain View Masters-38		1:01.75

Women 70-74 200 SC Meter Butterfly

	PAC:	3:42.68	P	9/28/2014	Daniela Barnea		
	NATL:	3:27.16	N	11/12/2016	CAROLYN BOAK		
	WORLD:	3:26.57	W	5/21/2016	CLARY MUNNS	AUS	
1	Dutro, Cynthia			71	Menlo Masters-38		4:26.68
		58.18		2:04.12 (1:05.94)	3:14.47 (1:10.35)	4:26.68 (1:12.21)	
2	Renshaw, Diane			74	Mountain View Masters-38		5:07.50
		1:05.96		2:23.52 (1:17.56)	3:46.51 (1:22.99)	5:07.50 (1:20.99)	

Women 70-74 200 SC Meter IM

	PAC:	3:30.65	P	10/12/2014	Daniela Barnea		
	NATL:	3:13.05	N	10/28/2017	DIANN UUSTAL		
	WORLD:	3:09.58	W	5/20/2017	CLARY MUNNS	AUS	
1	Dutro, Cynthia			71	Menlo Masters-38		3:56.15
		56.15		2:00.30 (1:04.15)	3:02.70 (1:02.40)	3:56.15 (53.45)	

Women 75-79 50 SC Meter Freestyle

	PAC:	38.67	P	12/2/2017	Nancy J Ridout		
	NATL:	37.24	N	12/12/2004	GAIL ROPER		
	WORLD:	34.58	W	6/20/2015	CHRISTEL SCHULZ	GER	
1	Barnea, Daniela			75	Stanford Masters Swimming-38		41.77
2	Ackerman, Dolly			78	Walnut Creek Masters-38		52.54

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 75-79 200 SC Meter Freestyle**

PAC: 3:25.32 P 12/31/1998 **Margery Meyer**
NATL: 3:07.58 N 11/20/2005 **GAIL ROPER**
WORLD: 2:51.65 W 1/26/2013 **YOSHIKO OSAKI** **JPN**
 1 Ackerman, Dolly 78 Walnut Creek Masters-38 3:18.66 P
 1:01.26 3:18.66 (2:17.40)

Women 75-79 400 SC Meter Freestyle

PAC: 7:01.36 P 12/31/1998 **Margery Meyer**
NATL: 6:44.09 N 12/8/2002 **JEAN TROY**
WORLD: 6:08.74 W 4/19/2015 **YOSHIKO OSAKI** **JPN**
 1 Barnea, Daniela 75 Stanford Masters Swimming-38 7:24.83
 48.34 1:43.59 (55.25) 2:43.15 (59.56) 3:39.25 (56.10)
 4:37.14 (57.89) 5:33.73 (56.59) 6:32.06 (58.33) 7:24.83 (52.77)

Women 75-79 50 SC Meter Backstroke

PAC: 51.37 P 12/31/2010 **Miek Mc Cubbin**
NATL: 44.76 N 11/7/1999 **DORIS STEADMAN**
WORLD: 40.74 W 2/17/2018 **E.KETELSEN** **DEN**
 1 Ackerman, Dolly 78 Walnut Creek Masters-38 1:07.28

Women 75-79 200 SC Meter Backstroke

PAC: 3:38.25 P 12/31/2008 **Ann M Hirsch**
NATL: 3:34.09 N 3/19/2011 **NANCY BROWN**
WORLD: 3:20.26 W 3/11/2018 **E.KETELSEN** **DEN**
 1 Barnea, Daniela 75 Stanford Masters Swimming-38 3:46.89
 55.05 1:52.78 (57.73) 2:50.82 (58.04) 3:46.89 (56.07)

Women 75-79 200 SC Meter Breaststroke

PAC: 3:56.51 P 12/31/2008 **Ann M Hirsch**
NATL: 3:36.56 N 3/15/2014 **JOANN LEILICH**
WORLD: 3:33.03 W 4/17/2010 **SHOKO YONEZAWA** **JPN**
 1 Barnea, Daniela 75 Stanford Masters Swimming-38 3:45.84 P
 51.55 1:50.54 (58.99) 2:49.75 (59.21) 3:45.84 (56.09)

Women 75-79 200 SC Meter Butterfly

PAC: 4:53.77 P 10/9/2016 **Nancy Stretch**
NATL: 4:08.39 N 5/17/1999 **LOIS KIVI NOCHMAN**
WORLD: 3:57.33 W 5/21/2005 **SYLVIA NEUHAUSER** **AUT**
 1 Barnea, Daniela 75 Stanford Masters Swimming-38 3:57.22 W
 51.89 1:52.73 (1:00.84) 2:55.00 (1:02.27) 3:57.22 (1:02.22)

Women 75-79 100 SC Meter IM

PAC: 1:49.53 P 12/31/2009 **Ann M Hirsch**
NATL: 1:38.11 N 12/12/2004 **GAIL ROPER**
WORLD: 1:31.38 W 5/26/2013 **YOSHIKO OSAKI** **JPN**
 1 Ackerman, Dolly 78 Walnut Creek Masters-38 2:49.81
 2:52.16 2:49.81 ()

Women 75-79 400 SC Meter IM

PAC: 8:27.31 P 12/31/2008 **Ann M Hirsch**
NATL: 7:52.71 N 10/7/2001 **JUNE KRAUSER**
WORLD: 7:11.33 W 5/11/2013 **YOSHIKO OSAKI** **JPN**
 1 Barnea, Daniela 75 Stanford Masters Swimming-38 7:42.05 N
 51.59 1:50.58 (58.99) 2:51.39 (1:00.81) 3:51.79 (1:00.40)
 4:51.85 (1:00.06) 5:52.60 (1:00.75) 6:48.29 (55.69) 7:42.05 (53.76)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 80-84 50 SC Meter Freestyle**

PAC:	41.34	P	12/31/2002	Margery Meyer		
NATL:	38.03	N	1/25/2009	GAIL ROPER		
WORLD:	36.08	W	5/20/2018	YOSHIKO OSAKI	JPN	
1	Wood, Caroline W		84	Walnut Creek Masters-38		1:00.75
2	Fasbender, Alice J		81	Oregon Masters-37		1:26.19

Women 80-84 100 SC Meter Freestyle

PAC:	1:34.45	P	12/31/2002	Margery Meyer		
NATL:	1:26.23	N	1/25/2009	GAIL ROPER		
WORLD:	1:21.29	W	5/20/2018	YOSHIKO OSAKI	JPN	
1	Wood, Caroline W		84	Walnut Creek Masters-38		2:34.83
	1:06.76			2:34.83 (1:28.07)		

Women 80-84 50 SC Meter Backstroke

PAC:	50.03	P	12/31/2002	Margery Meyer		
NATL:	50.03	N	10/13/2002	MARGERY MEYER		
WORLD:	45.24	W	2/11/2018	YOSHIKO OSAKI	JPN	
1	Morton, Judith L		80	Walnut Creek Masters-38		1:13.74
2	Wood, Caroline W		84	Walnut Creek Masters-38		1:16.81
3	Fasbender, Alice J		81	Oregon Masters-37		1:35.06

Women 80-84 200 SC Meter Backstroke

PAC:	4:14.53	P	12/31/2003	Margery Meyer		
NATL:	3:59.15	N	11/22/2009	NANCY KINNEY		
WORLD:	3:42.88	W	7/17/2011	JANE ASHER	GBR	
1	Morton, Judith L		80	Walnut Creek Masters-38		5:41.14
	1:22.31			2:49.05 (1:26.74)		4:16.73 (1:27.68)
						5:41.14 (1:24.41)

Women 80-84 200 SC Meter Breaststroke

PAC:	4:16.16	P	9/25/2011	Ann M Hirsch		
NATL:	4:02.76	N	10/7/2018	ANNE WILLIAMS		
WORLD:	3:54.35	W	2/6/2016	SHOKO YONEZAWA	JPN	
1	Morton, Judith L		80	Walnut Creek Masters-38		8:00.42
	1:49.90			3:51.50 (2:01.60)		8:00.42 (4:08.92)

Women 80-84 50 SC Meter Butterfly

PAC:	58.34	P	8/20/2011	Ann M Hirsch		
NATL:	48.85	N	5/16/2009	GAIL ROPER		
WORLD:	45.57	W	4/9/2011	JANE ASHER	GBR	
1	Morton, Judith L		80	Walnut Creek Masters-38		1:50.57

Women 80-84 200 SC Meter Butterfly

PAC:	5:24.06	P	12/31/2002	Jae Howell		
NATL:	4:35.51	N	10/28/2007	LOIS KIVI NOCHMAN		
WORLD:	4:10.18	W	3/31/2012	JUDIE OLIVER	CAN	
1	Morton, Judith L		80	Walnut Creek Masters-38		8:31.65
	1:57.38			4:08.70 (2:11.32)		8:31.65 (4:22.95)

Women 80-84 200 SC Meter IM

PAC:	4:25.53	P	12/31/2012	Ann M Hirsch		
NATL:	3:55.51	N	6/17/2009	GAIL ROPER		
WORLD:	3:43.73	W	6/11/2011	JANE ASHER	GBR	
1	Morton, Judith L		80	Walnut Creek Masters-38		7:02.80

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Women 85-89 50 SC Meter Freestyle**

	PAC:	48.10	P	12/31/2008	Margery Meyer		
	NATL:	46.01	N	12/6/2014	NAN BOHL		
	WORLD:	38.75	W	4/17/2016	JANE ASHER	GBR	
1	Callison, Barbara			86	Rinconada Masters-38		53.88
2	Kay, Ann			85	Menlo Masters-38		54.27
3	Hirsch, Ann			88	Walnut Creek Masters-38		1:07.00

Women 85-89 100 SC Meter Freestyle

	PAC:	1:46.95	P	12/31/2008	Margery Meyer		
	NATL:	1:43.97	N	10/13/2012	JEAN TROY		
	WORLD:	1:28.60	W	6/25/2016	JANE ASHER	GBR	
1	Callison, Barbara			86	Rinconada Masters-38		2:14.67
		1:02.67			2:14.67 (1:12.00)		
2	Hirsch, Ann			88	Walnut Creek Masters-38		2:29.33

Women 85-89 200 SC Meter Freestyle

	PAC:	3:54.18	P	12/31/2007	Margery Meyer		
	NATL:	3:49.35	N	11/10/2012	JEAN TROY		
	WORLD:	3:12.66	W	6/25/2016	JANE ASHER	GBR	
1	Hirsch, Ann			88	Walnut Creek Masters-38		5:15.26
		1:12.35			2:31.99 (1:19.64)		5:15.26 (2:43.27)

Women 85-89 50 SC Meter Backstroke

	PAC:	59.11	P	9/14/2008	Margery Meyer		
	NATL:	51.75	N	10/13/2012	BETTY LORENZI		
	WORLD:	49.07	W	6/25/2016	JANE ASHER	GBR	
1	Kay, Ann			85	Menlo Masters-38		1:07.05

Women 85-89 50 SC Meter Breaststroke

	PAC:	1:10.77	P	9/24/2017	Ann M Hirsch		
	NATL:	1:00.96	N	11/8/2014	SYLVIA EISELE		
	WORLD:	52.17	W	1/23/2016	A.VAN OBBERGHEN	BEL	
1	Hirsch, Ann			88	Walnut Creek Masters-38		1:21.03

Women 85-89 50 SC Meter Butterfly

	PAC:	1:07.35	P	12/31/1999	Jean Durston		
	NATL:	1:02.04	N	3/15/2009	LOIS KIVI NOCHMAN		
	WORLD:	51.40	W	3/25/2017	JUDIE OLIVER	CAN	
1	Callison, Barbara			86	Rinconada Masters-38		1:19.47

Women 85-89 100 SC Meter IM

	PAC:	2:13.69	P	9/14/2008	Margery Meyer		
	NATL:	2:08.06	N	11/11/2012	JEAN TROY		
	WORLD:	1:47.02	W	8/20/2016	JANE ASHER	GBR	
1	Callison, Barbara			86	Rinconada Masters-38		2:28.61
		1:07.83			2:28.61 (1:20.78)		
2	Hirsch, Ann			88	Walnut Creek Masters-38		2:50.00
		1:30.17			2:50.00 (1:19.83)		

Men 18-24 50 SC Meter Freestyle

	PAC:	23.00	P	10/12/2014	Kevin Ferguson		
	NATL:	21.38	N	12/11/2005	NICK BRUNELLI		
1	Pluemer, Aaron			23	Stanford Masters Swimming-38		26.51

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 18-24 100 SC Meter Freestyle**

PAC: 51.76 P 10/12/2014 Kevin Ferguson

NATL: 48.00 N 12/11/2005 NICK BRUNELLI

1	Tang, Allen	23	Menlo Masters-38	1:02.71
	29.08		1:02.71 (33.63)	

Men 18-24 50 SC Meter Backstroke

PAC: 25.71 P 9/18/2016 Chuck Katis

NATL: 25.38 N 3/17/2012 JOSH HAFKIN

1	Pluemer, Aaron	23	Stanford Masters Swimming-38	30.89
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Men 18-24 50 SC Meter Breaststroke

PAC: 28.79 P 11/23/2013 Robert Lovelace

NATL: 27.83 N 11/21/2009 GREGOR PLEVELJ

1	Tang, Allen	23	Menlo Masters-38	33.82
2	Pluemer, Aaron	23	Stanford Masters Swimming-38	36.47

Men 18-24 200 SC Meter Breaststroke

PAC: 2:14.40 P 9/18/2016 Chuck Katis

NATL: 2:12.70 N 11/19/2017 THIBAUT CAPITAINE

1	Walker, Lucas A	19	Fremont Hills Masters-38	2:23.18
	32.26		1:08.18 (35.92) 1:45.97 (37.79) 2:23.18 (37.21)	
2	Tang, Allen	23	Menlo Masters-38	2:51.65
	36.55		1:20.04 (43.49) 2:05.82 (45.78) 2:51.65 (45.83)	

Men 18-24 50 SC Meter Butterfly

PAC: 22.57 P 12/7/2004 Thomas A Shields

NATL: 23.96 N 11/6/2016 RUNAR BORGEN

1	Pluemer, Aaron	23	Stanford Masters Swimming-38	29.79
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Men 18-24 200 SC Meter Butterfly

PAC: 1:50.68 P 12/7/2014 Thomas A Shields

NATL: 2:03.41 N 12/10/2011 ERIC NILSSON

1	Orringer, Matthew J	22	Ucsf Masters-38	2:07.12
	27.85		59.58 (31.73) 1:32.58 (33.00) 2:07.12 (34.54)	

Men 18-24 100 SC Meter IM

PAC: 56.82 P 11/24/2013 Robert Lovelace

NATL: 55.71 N 10/29/2011 EUGENE GODSOE

1	Pluemer, Aaron	23	Stanford Masters Swimming-38	1:09.02
	32.07		1:09.02 (36.95)	

Men 18-24 200 SC Meter IM

PAC: 2:08.44 P 11/23/2013 Robert Lovelace

NATL: 2:00.32 N 12/11/2005 NICK BRUNELLI

1	Tang, Allen	23	Menlo Masters-38	2:39.91
	32.64		1:16.26 (43.62) 2:02.38 (46.12) 2:39.91 (37.53)	

Men 18-24 400 SC Meter IM

PAC: 4:28.54 P 12/31/1993 Sergey Mariniuk

NATL: 4:28.54 N 11/14/1993 SERGEY MARINIUK

1	Walker, Lucas A	19	Fremont Hills Masters-38	4:44.67
	30.00		1:05.10 (35.10) 1:42.36 (37.26) 2:18.74 (36.38)	
	2:58.31 (39.57)		3:38.49 (40.18) 4:12.58 (34.09) 4:44.67 (32.09)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 25-29 50 SC Meter Freestyle**

	PAC:	22.81	P	12/31/2002	Scott C Greenwood		
	NATL:	21.37	N	11/15/2014	CESAR CIELO		
	WORLD:	21.37	W	11/15/2014	CESAR CIELO	USA	
1	Lorenzen, Steven			26	Uc38-38		25.76
2	Azori, Antonio			28	San Francisco Tsunami Masters-38		28.85
3	Clusin, Joshua			29	Uc38-38		29.15
4	Solati, Michael			29	Marcia's Enthusiastic Masters-38		30.97
5	Kavak, George			25	El Camino YMCA Masters-38		33.36

Men 25-29 100 SC Meter Freestyle

	PAC:	51.94	P	9/22/2013	Tim R Watts		
	NATL:	47.43	N	11/16/2014	CESAR CIELO		
	WORLD:	47.43	W	11/16/2014	CESAR CIELO	USA	
1	Lorenzen, Steven			26	Uc38-38		58.64
		28.62				58.64 (30.02)	
2	Huynh, Justin			25	Fremont Hills Masters-38		1:01.50
		29.04				1:01.50 (32.46)	
3	Azori, Antonio			28	San Francisco Tsunami Masters-38		1:03.25
		30.21				1:03.25 (33.04)	
4	Clusin, Joshua			29	Uc38-38		1:05.78
		31.14				1:05.78 (34.64)	
5	Solati, Michael			29	Marcia's Enthusiastic Masters-38		1:09.63
		33.22				1:09.63 (36.41)	

Men 25-29 200 SC Meter Freestyle

	PAC:	1:48.81	P	12/31/1995	John Keppeler		
	NATL:	1:44.90	N	11/3/2013	DARIAN TOWNSEND		
	WORLD:	1:44.90	W	11/3/2013	DARIAN TOWNSEND	USA	
1	Huynh, Justin			25	Fremont Hills Masters-38		2:08.67
		29.02				1:01.86 (32.84) 1:35.51 (33.65) 2:08.67 (33.16)	
2	Rossbach, Alexander			29	Albany Armada Aquatics Masters-38		2:15.68
		32.29				1:06.99 (34.70) 1:42.67 (35.68) 2:15.68 (33.01)	
3	Azori, Antonio			28	San Francisco Tsunami Masters-38		2:19.23
		31.36				1:05.73 (34.37) 1:42.04 (36.31) 2:19.23 (37.19)	
4	Lorenzen, Steven			26	Uc38-38		2:19.98
		29.68				1:03.74 (34.06) 1:41.08 (37.34) 2:19.98 (38.90)	

Men 25-29 400 SC Meter Freestyle

	PAC:	4:04.26	P	12/31/2002	Nate Moore		
	NATL:	3:52.83	N	12/9/2018	DREW MODROV		
	WORLD:	3:53.60	W	3/16/2007	SYLVAIN CROS	FRA	
1	Azori, Antonio			28	San Francisco Tsunami Masters-38		4:55.37
		32.98				1:08.84 (35.86) 1:45.95 (37.11) 2:23.27 (37.32)	
		3:01.27 (38.00)				3:39.23 (37.96) 4:17.38 (38.15) 4:55.37 (37.99)	
2	Thomas, Michael			27	Mountain View Masters-38		5:15.55
		36.45				1:16.51 (40.06) 1:56.99 (40.48) 2:38.14 (41.15)	
		3:19.28 (41.14)				4:00.07 (40.79) 4:38.75 (38.68) 5:15.55 (36.80)	

Men 25-29 200 SC Meter Backstroke

	PAC:	2:02.63	P	12/31/1995	John Keppeler		
	NATL:	2:01.34	N	11/13/2016	JAN KONARZEWSKI		
	WORLD:	1:56.22	W	12/16/2006	STEFAN HERBST	GER	
1	Garcia, Wilfred			29	Mountain View Masters-38		2:13.75
		31.95				1:05.70 (33.75) 1:39.78 (34.08) 2:13.75 (33.97)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 25-29 200 SC Meter Backstroke)**

2	Thomas, Michael	27	Mountain View Masters-38	2:43.77
	39.49	1:21.82 (42.33)	2:03.39 (41.57)	2:43.77 (40.38)

Men 25-29 50 SC Meter Breaststroke

PAC:	28.69	P	12/31/2012	John Dorr	
NATL:	27.31	N	11/23/2013	EETU KARVONEN	
WORLD:	26.99	W	10/29/2017	LAWRENCE PALMER	GBR

1	Kavak, George	25	El Camino YMCA Masters-38	39.68
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Men 25-29 200 SC Meter Breaststroke

PAC:	2:06.24	P	12/7/2014	BJ Johnson	
NATL:	2:07.55	N	10/14/2018	JOSH PRENOT	
WORLD:	2:10.68	W	11/17/2013	RYO KOBAYASHI	JPN

1	Thomas, Michael	27	Mountain View Masters-38	3:00.05
	40.92	1:26.91 (45.99)	2:13.94 (47.03)	3:00.05 (46.11)

Men 25-29 50 SC Meter Butterfly

PAC:	25.06	P	12/31/2007	Adam M Conway	
NATL:	23.53	N	10/14/2018	TOWNSEND\BORGEN	
WORLD:	23.33	W	5/5/2017	RYO ISHII	JPN

1	Clusin, Joshua	29	Uc38-38	33.99
2	Solati, Michael	29	Marcia's Enthusiastic Masters-38	35.52

Men 25-29 200 SC Meter Butterfly

PAC:	2:13.42	P	9/23/2018	Brandon J Fischer	
NATL:	2:02.97	N	12/10/2017	DREW MODROV	
WORLD:	1:58.87	W	3/19/2016	TAKATSUGU OGA	JPN

1	Garcia, Wilfred	29	Mountain View Masters-38	2:26.06
	30.74	1:06.83 (36.09)	1:47.69 (40.86)	2:26.06 (38.37)
2	Huynh, Justin	25	Fremont Hills Masters-38	2:27.28
	31.16	1:08.25 (37.09)	1:46.88 (38.63)	2:27.28 (40.40)
3	Rossbach, Alexander	29	Albany Armada Aquatics Masters-38	2:41.59
	36.16	1:16.34 (40.18)	1:59.24 (42.90)	2:41.59 (42.35)
4	Thomas, Michael	27	Mountain View Masters-38	2:51.01
	35.92	1:21.53 (45.61)	2:07.24 (45.71)	2:51.01 (43.77)

Men 25-29 100 SC Meter IM

PAC:	56.39	P	9/25/2011	FRANK ZIO	
NATL:	53.47	N	11/3/2013	DARIAN TOWNSEND	
WORLD:	53.47	W	11/3/2013	DARIAN TOWNSEND	USA

1	Lorenzen, Steven	26	Uc38-38	1:06.79
	30.39	1:06.79 (36.40)		
2	Rossbach, Alexander	29	Albany Armada Aquatics Masters-38	1:10.73
	32.16	1:10.73 (38.57)		

Men 25-29 200 SC Meter IM

PAC:	2:05.93	P	12/31/1995	Jon Keppeler	
NATL:	1:59.79	N	10/13/2013	ADAM RITTER	
WORLD:	1:59.70	W	1/31/2010	K.GILCHRIST	FRA

1	Thomas, Michael	27	Mountain View Masters-38	2:40.22
	35.32	1:18.27 (42.95)	2:04.13 (45.86)	2:40.22 (36.09)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 25-29 400 SC Meter IM**

	PAC:	4:26.79	P	12/31/1995	John Keppeler		
	NATL:	4:26.79	N	12/10/1995	JOHN KEPPELER		
	WORLD:	4:14.51	W	11/15/2009	IKUMI HASEGAWA	JPN	
1	Garcia, Wilfred	29	Mountain View Masters-38				4:53.12
		29.26	1:02.85 (33.59)	1:38.63 (35.78)	2:14.48 (35.85)		
		2:58.04 (43.56)	3:42.49 (44.45)	4:18.27 (35.78)	4:53.12 (34.85)		
2	Thomas, Michael	27	Mountain View Masters-38				5:54.58
		37.72	1:21.48 (43.76)	2:09.18 (47.70)	2:55.37 (46.19)		
		3:44.58 (49.21)	4:32.86 (48.28)	5:15.22 (42.36)	5:54.58 (39.36)		

Men 30-34 50 SC Meter Freestyle

	PAC:	22.39	P	10/16/2011	Anthony L Ervin		
	NATL:	21.91	N	11/13/2016	DARIAN TOWNSEND		
	WORLD:	21.59	W	11/28/2015	EVGENIY LAGUNOV	RUS	
1	Owen, Cameron	30	University of San Francisco Ma-38				23.84
2	Watts, Tim	33	Presentation Masters-38				24.35
3	Stinson, Ian C	33	Mountain View Masters-38				26.90
4	Law, David	34	Manatee Aquatic Masters Inc-38				28.01
5	Pereira, Ed	34	Mountain View Masters-38				28.31

Men 30-34 100 SC Meter Freestyle

	PAC:	50.35	P	9/25/2011	Anthony L Ervin		
	NATL:	48.08	N	9/27/2014	DARIAN TOWNSEND		
	WORLD:	47.29	W	11/27/2015	EVGENIY LAGUNOV	RUS	
1	Owen, Cameron	30	University of San Francisco Ma-38				51.88
		24.62	51.88 (27.26)				
2	Gouvea, Arthur	31	University of San Francisco Ma-38				54.30
		26.42	54.30 (27.88)				
3	Stinson, Ian C	33	Mountain View Masters-38				1:02.81
		29.86	1:02.81 (32.95)				

Men 30-34 200 SC Meter Freestyle

	PAC:	1:52.04	P	12/31/1999	John Keppeler		
	NATL:	1:46.12	N	9/27/2014	DARIAN TOWNSEND		
	WORLD:	1:46.12	W	9/27/2014	DARIAN TOWNSEND	USA	
1	Law, David	34	Manatee Aquatic Masters Inc-38				2:20.28
		31.33	1:06.98 (35.65)	1:43.80 (36.82)	2:20.28 (36.48)		

Men 30-34 400 SC Meter Freestyle

	PAC:	4:11.37	P	10/18/2009	Clayton P Jones		
	NATL:	3:57.47	N	10/4/2009	TAMAS KEREKJARTO		
	WORLD:	3:51.97	W	11/29/2014	YURY UFIMTSEV	RUS	
1	Law, David	34	Manatee Aquatic Masters Inc-38				5:07.22
		32.98	1:10.57 (37.59)	1:49.19 (38.62)	2:28.69 (39.50)		
		3:08.27 (39.58)	3:48.25 (39.98)	4:28.55 (40.30)	5:07.22 (38.67)		
2	Green, Zachary Y	30	Mountain View Masters-38				5:46.37
		37.67	1:21.30 (43.63)	2:06.04 (44.74)	2:51.15 (45.11)		
		3:36.25 (45.10)	4:21.42 (45.17)	5:06.47 (45.05)	5:46.37 (39.90)		
3	Stinson, Ian C	33	Mountain View Masters-38				6:05.98
		38.58	1:23.37 (44.79)	2:10.12 (46.75)	2:58.49 (48.37)		
		3:46.13 (47.64)	4:33.57 (47.44)	5:21.44 (47.87)	6:05.98 (44.54)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 30-34 50 SC Meter Backstroke**

	PAC:	27.63	P	12/31/2008	Andrew S Dennis		
	NATL:	24.75	N	11/12/2016	DARIAN TOWNSEND		
	WORLD:	23.86	W	5/7/2017	NELSON SILVA Jr.	BRA	
1	Watts, Tim			33	Presentation Masters-38		26.78 P
2	Gouvea, Arthur			31	University of San Francisco Ma-38		29.15

Men 30-34 200 SC Meter Backstroke

	PAC:	2:02.91	P	12/31/1999	John Keppeler		
	NATL:	1:55.46	N	11/1/2009	DERYA BUYUKUNCU		
	WORLD:	1:55.46	W	11/1/2009	DERYA BUYUKUNCU	USA	
1	Gouvea, Arthur			31	University of San Francisco Ma-38		2:16.46
		31.61		1:06.22 (34.61)	1:41.46 (35.24)		2:16.46 (35.00)
2	Pereira, Ed			34	Mountain View Masters-38		2:38.82
		38.09		1:18.91 (40.82)	1:59.24 (40.33)		2:38.82 (39.58)
3	Green, Zachary Y			30	Mountain View Masters-38		2:50.67
		38.81		1:20.88 (42.07)	2:06.10 (45.22)		2:50.67 (44.57)

Men 30-34 50 SC Meter Breaststroke

	PAC:	28.81	P	12/31/2007	Jeff Commings		
	NATL:	28.01	N	12/7/2008	JEFF COMMINGS		
	WORLD:	26.72	W	5/5/2018	FELIPE LIMA	BRA	
---	Law, David			34	Manatee Aquatic Masters Inc-38		DQ

Men 30-34 200 SC Meter Breaststroke

	PAC:	2:17.56	P	12/31/1999	Roque J Santos		
	NATL:	2:15.47	N	11/30/2018	MIKE ALEXANDROV		
	WORLD:	2:12.54	W	12/6/2015	RYO KOBAYASHI	JPN	
1	Fischer, Brandon J			30	Uc38-38		2:12.92 N
		30.65		1:04.20 (33.55)	1:38.46 (34.26)		2:12.92 (34.46)
2	Green, Zachary Y			30	Mountain View Masters-38		2:51.00
		37.79		1:20.69 (42.90)	2:05.74 (45.05)		2:51.00 (45.26)

Men 30-34 50 SC Meter Butterfly

	PAC:	25.06	P	12/31/1989	Mike Bottom		
	NATL:	24.37	N	12/5/2015	MILORAD CAVIC		
	WORLD:	22.87	W	5/16/2009	THOMAS RUPPRATH	GER	
1	Owen, Cameron			30	University of San Francisco Ma-38		26.83
2	Stinson, Ian C			33	Mountain View Masters-38		30.29
3	Law, David			34	Manatee Aquatic Masters Inc-38		31.81

Men 30-34 200 SC Meter Butterfly

	PAC:	2:09.08	P	12/31/2008	Erik L Scalise		
	NATL:	1:57.41	N	9/24/2016	DARIAN TOWNSEND		
	WORLD:	1:53.56	W	11/25/2017	NIKOLAY SKVORTSOV	RUS	
1	Pereira, Ed			34	Mountain View Masters-38		2:57.85
		38.71		1:24.30 (45.59)	2:11.94 (47.64)		2:57.85 (45.91)
2	Green, Zachary Y			30	Mountain View Masters-38		3:06.91
		39.68		1:27.75 (48.07)	2:17.37 (49.62)		3:06.91 (49.54)

Men 30-34 100 SC Meter IM

	PAC:	57.28	P	9/25/2011	Anthony L Ervin		
	NATL:	53.28	N	11/13/2016	DARIAN TOWNSEND		
	WORLD:	53.28	W	11/13/2016	DARIAN TOWNSEND	USA	
1	Gouvea, Arthur			31	University of San Francisco Ma-38		1:03.15
		28.97		1:03.15 (34.18)			

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 30-34 100 SC Meter IM)**

2	Law, David	34	Manatee Aquatic Masters Inc-38	1:12.66
	34.37	1:12.66 (38.29)		

Men 30-34 400 SC Meter IM

	PAC:	4:26.74	P	12/31/1999	Roque J Santos	
	NATL:	4:13.68	N	10/31/2015	DARIAN TOWNSEND	
	WORLD:	4:16.06	W	11/12/2016	DARIAN TOWNSEND	USA
1	Pereira, Ed	34	Mountain View Masters-38	5:47.24		
	36.52	1:19.97 (43.45)	2:04.79 (44.82)	2:48.90 (44.11)		
	3:41.37 (52.47)	4:32.73 (51.36)	5:11.05 (38.32)	5:47.24 (36.19)		
2	Green, Zachary Y	30	Mountain View Masters-38	5:55.18		
	36.76	1:20.46 (43.70)	2:08.26 (47.80)	2:53.95 (45.69)		
	3:41.45 (47.50)	4:29.27 (47.82)	5:13.60 (44.33)	5:55.18 (41.58)		

Men 35-39 50 SC Meter Freestyle

	PAC:	23.54	P	12/2/2012	Scott C Greenwood	
	NATL:	21.81	N	9/22/2018	ROLAND SCHOEMAN	
	WORLD:	21.53	W	10/27/2007	MARK FOSTER	GBR
1	Samotyj, John	38	University of San Francisco Ma-38	24.71		
2	Salcedo, Jonathan E	37	University of San Francisco Ma-38	25.74		
3	Hoopai, Adam	36	Mountain View Masters-38	26.07		
4	De Voss, Christopher	38	California Gold Masters-38	27.77		
5	Kennedy, Matthew	37	California Capital Aquatics Ma-38	28.86		
6	Langner, Karol M	37	Fremont Hills Masters-38	30.00		

Men 35-39 100 SC Meter Freestyle

	PAC:	53.62	P	12/31/2003	John Keppeler	
	NATL:	47.70	N	11/18/2018	ROLAND SCHOEMAN	
	WORLD:	49.53	W	3/19/2000	JOHN MIRANDA	SWE
1	Samotyj, John	38	University of San Francisco Ma-38	54.58		
	26.08	54.58 (28.50)				
2	Salcedo, Jonathan E	37	University of San Francisco Ma-38	55.97		
	26.78	55.97 (29.19)				
3	Hoopai, Adam	36	Mountain View Masters-38	59.39		
	27.97	59.39 (31.42)				
4	Langner, Karol M	37	Fremont Hills Masters-38	1:09.82		
	34.05	1:09.82 (35.77)				

Men 35-39 200 SC Meter Freestyle

	PAC:	1:54.82	P	10/14/2018	Tamas Kerekjarto	
	NATL:	1:51.31	N	12/14/2003	ERIK HOCHSTEIN	
	WORLD:	1:51.31	W	12/14/2003	ERIK HOCHSTEIN	USA
1	Valdivieso, Juan P	38	The Olympic Club-38	2:00.78		
	26.97	56.58 (29.61)	1:28.14 (31.56)	2:00.78 (32.64)		
2	Kennedy, Matthew	37	California Capital Aquatics Ma-38	2:40.31		
	35.85	1:17.09 (41.24)	2:00.72 (43.63)	2:40.31 (39.59)		

Men 35-39 400 SC Meter Freestyle

	PAC:	4:05.29	P	12/31/2009	Alex Kostich	
	NATL:	3:57.77	N	12/14/2003	ERIK HOCHSTEIN	
	WORLD:	3:57.77	W	12/14/2003	ERIK HOCHSTEIN	USA
1	De Voss, Christopher	38	California Gold Masters-38	5:03.16		
	33.66	1:11.21 (37.55)	1:49.68 (38.47)	2:28.81 (39.13)		
	3:07.99 (39.18)	3:47.46 (39.47)	4:26.16 (38.70)	5:03.16 (37.00)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 35-39 400 SC Meter Freestyle)**

2	Song, Jimmy	36	Marcia's Enthusiastic Masters-38	5:38.02
	39.00	1:21.70 (42.70)	2:04.60 (42.90)	2:48.57 (43.97)
	3:30.97 (42.40)	4:13.83 (42.86)	4:56.41 (42.58)	5:38.02 (41.61)

Men 35-39 50 SC Meter Backstroke

	PAC:	27.92	P	12/31/2003	John Keppeler	
	NATL:	25.72	N	10/18/2009	EDILSON SILVA	
	WORLD:	25.68	W	3/5/2017	KENTA YAMANOI	JPN
1	Langner, Karol M	37	Fremont Hills Masters-38	35.52		
2	De Voss, Christopher	38	California Gold Masters-38	37.37		

Men 35-39 200 SC Meter Backstroke

	PAC:	2:08.57	P	12/31/2003	John Keppeler	
	NATL:	2:00.34	N	12/8/2002	RON KARNAUGH	
	WORLD:	2:00.34	W	12/8/2002	RON KARNAUGH	USA
1	Song, Jimmy	36	Marcia's Enthusiastic Masters-38	3:12.61		
	46.33	1:34.69 (48.36)	2:24.22 (49.53)	3:12.61 (48.39)		

Men 35-39 50 SC Meter Breaststroke

	PAC:	30.70	P	12/31/2008	Jonathan T Manson	
	NATL:	26.66	N	11/17/2018	ROLAND SCHOEMAN	
	WORLD:	27.32	W	11/18/2016	SERGEY GEYBEL	RUS
1	De Voss, Christopher	38	California Gold Masters-38	33.30		
2	Song, Jimmy	36	Marcia's Enthusiastic Masters-38	37.54		
3	Kennedy, Matthew	37	California Capital Aquatics Ma-38	40.76		
4	Langner, Karol M	37	Fremont Hills Masters-38	42.68		

Men 35-39 200 SC Meter Breaststroke

	PAC:	2:24.58	P	12/31/2002	Roque J Santos	
	NATL:	2:15.64	N	12/4/2011	STEVE WEST	
	WORLD:	2:15.42	W	3/16/2014	KAZUYA KOIKE	JPN
1	Song, Jimmy	36	Marcia's Enthusiastic Masters-38	2:56.92		
	41.57	1:27.00 (45.43)	2:12.14 (45.14)	2:56.92 (44.78)		
2	Roper, Matt	38	Davis Aquatic Masters-38	2:58.35		
	40.85	1:27.19 (46.34)	2:14.13 (46.94)	2:58.35 (44.22)		

Men 35-39 50 SC Meter Butterfly

	PAC:	25.82	P	12/31/2009	Lee G Wanie	
	NATL:	23.12	N	11/18/2018	ROLAND SCHOEMAN	
	WORLD:	23.72	W	3/20/2011	LARS FROLANDER	SWE
1	Samotyj, John	38	University of San Francisco Ma-38	27.10		
2	Salcedo, Jonathan E	37	University of San Francisco Ma-38	27.14		
3	De Voss, Christopher	38	California Gold Masters-38	32.14		
4	Kennedy, Matthew	37	California Capital Aquatics Ma-38	34.77		
5	Langner, Karol M	37	Fremont Hills Masters-38	34.92		

Men 35-39 200 SC Meter Butterfly

	PAC:	2:14.64	P	12/31/1992	Sandy MacDonald	
	NATL:	2:02.98	N	11/15/2014	BRENT CREAGER	
	WORLD:	2:02.98	W	11/15/2014	BRENT CREAGER	USA
1	Roper, Matt	38	Davis Aquatic Masters-38	2:44.96		
	34.11	1:14.85 (40.74)	1:59.03 (44.18)	2:44.96 (45.93)		
2	Song, Jimmy	36	Marcia's Enthusiastic Masters-38	3:13.33		
	44.58	1:34.98 (50.40)	2:25.36 (50.38)	3:13.33 (47.97)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 35-39 100 SC Meter IM**

	PAC:	1:01.59	P	10/21/2007	Roque J Santos		
	NATL:	56.36	N	12/2/2012	GLENN COUNTS		
	WORLD:	56.36	W	12/2/2012	GLENN COUNTS	USA	
1	Ignatov, Alex			38	Temescal Aquatic Masters-38		1:05.90
		30.16					1:05.90 (35.74)
2	De Voss, Christopher			38	California Gold Masters-38		1:11.83
		35.50					1:11.83 (36.33)
---	Kennedy, Matthew			37	California Capital Aquatics Ma-38		DQ
		37.63					DQ (42.58)
---	Langner, Karol M			37	Fremont Hills Masters-38		DQ
		37.31					DQ (43.88)

Men 35-39 200 SC Meter IM

	PAC:	2:05.79	P	10/13/2018	Tamas Kerekjarto		
	NATL:	2:03.29	N	12/8/2002	RONALD KARNAUGH		
	WORLD:	2:03.29	W	12/8/2002	RON KARNAUGH	USA	
1	Ignatov, Alex			38	Temescal Aquatic Masters-38		2:25.03
		31.29					1:08.27 (36.98) 1:50.52 (42.25) 2:25.03 (34.51)

Men 35-39 400 SC Meter IM

	PAC:	4:36.05	P	10/12/2018	Tamas Kerekjarto		
	NATL:	4:24.36	N	12/7/2003	RONALD KARNAUGH		
	WORLD:	4:24.36	W	12/7/2003	RON KARNAUGH	USA	
1	Ignatov, Alex			38	Temescal Aquatic Masters-38		5:12.52
		31.83					1:09.30 (37.47) 1:49.59 (40.29) 2:29.23 (39.64)
		3:13.08 (43.85)					3:57.44 (44.36) 4:35.41 (37.97) 5:12.52 (37.11)
2	Roper, Matt			38	Davis Aquatic Masters-38		5:27.34
		33.22					1:13.00 (39.78) 1:55.30 (42.30) 2:35.91 (40.61)
		3:25.05 (49.14)					4:14.20 (49.15) 4:50.84 (36.64) 5:27.34 (36.50)
3	Song, Jimmy			36	Marcia's Enthusiastic Masters-38		6:14.88
		42.69					1:29.04 (46.35) 2:21.50 (52.46) 3:13.58 (52.08)
		4:01.71 (48.13)					4:49.37 (47.66) 5:33.72 (44.35) 6:14.88 (41.16)

Men 40-44 50 SC Meter Freestyle

	PAC:	24.58	P	12/31/2003	David E Boatwright		
	NATL:	23.13	N	8/15/2013	BRIAN JACOBSON		
	WORLD:	22.75	W	5/8/2016	HIDEAKI HARA	JPN	
1	Earley, Keith			42	Fremont Hills Masters-38		27.62
2	Hanley, Nicholas			40	Vacaville-PC		28.58
3	Bolz, Brian			42	Davis Aquatic Masters-38		29.95

Men 40-44 100 SC Meter Freestyle

	PAC:	53.46	P	12/31/2003	David E Boatwright		
	NATL:	50.43	N	12/6/2008	MICHAEL ROSS		
	WORLD:	49.64	W	6/4/2017	HIDEAKI HARA	JPN	
1	Solberg, Sean			41	Richmond Plunge Masters-38		1:05.07
		31.19					1:05.07 (33.88)
2	Bolz, Brian			42	Davis Aquatic Masters-38		1:06.63
		31.25					1:06.63 (35.38)
3	Earley, Keith			42	Fremont Hills Masters-38		1:11.21
		34.13					1:11.21 (37.08)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 40-44 200 SC Meter Freestyle**

	PAC:	1:57.76	P	12/31/2004	Bradley S Howe		
	NATL:	1:50.08	N	12/6/2008	MICHAEL ROSS		
	WORLD:	1:50.08	W	12/6/2008	MICHAEL ROSS	USA	
1	Kerekjarto, Tamas			40	Club Hot Tub-38		1:57.87
		26.77		56.32 (29.55)	1:27.19 (30.87)		1:57.87 (30.68)
2	Hanley, Nicholas			40	Vacaville-PC		2:25.13
		34.40		1:11.20 (36.80)	1:48.70 (37.50)		2:25.13 (36.43)
3	Solberg, Sean			41	Richmond Plunge Masters-38		2:25.46
		33.46		1:09.60 (36.14)	1:46.82 (37.22)		2:25.46 (38.64)
4	Bolz, Brian			42	Davis Aquatic Masters-38		2:25.80
		32.96		1:09.56 (36.60)	1:47.79 (38.23)		2:25.80 (38.01)

Men 40-44 400 SC Meter Freestyle

	PAC:	4:13.84	P	10/11/2004	Geoff Glaser		
	NATL:	4:01.32	N	10/4/2009	ERIK HOCHSTEIN		
	WORLD:	4:00.67	W	11/7/2004	KAI DITZEL	GER	
1	Bolz, Brian			42	Davis Aquatic Masters-38		5:24.59
		35.88		1:15.35 (39.47)	1:57.13 (41.78)		2:38.32 (41.19)
		3:19.47 (41.15)		4:00.82 (41.35)	4:43.23 (42.41)		5:24.59 (41.36)

Men 40-44 50 SC Meter Backstroke

	PAC:	28.50	P	10/11/2008	Rick Gould		
	NATL:	25.53	N	12/12/2009	MICHAEL ROSS		
	WORLD:	25.53	W	12/12/2009	MICHAEL ROSS	USA	
1	Copp, Justin			44	Presentation Masters-38		32.21
2	Earley, Keith			42	Fremont Hills Masters-38		32.44
3	Bolz, Brian			42	Davis Aquatic Masters-38		36.02

Men 40-44 200 SC Meter Backstroke

	PAC:	2:10.20	P	10/18/2009	Roque J Santos		
	NATL:	2:03.84	N	12/14/2008	MICHAEL ROSS		
	WORLD:	2:03.84	W	12/14/2008	MICHAEL ROSS	USA	
1	Bolz, Brian			42	Davis Aquatic Masters-38		2:47.23
		38.99		1:20.54 (41.55)	2:02.61 (42.07)		2:47.23 (44.62)

Men 40-44 50 SC Meter Breaststroke

	PAC:	29.22	P	12/31/2009	Roque J Santos		
	NATL:	28.21	N	11/17/2018	JEFF COMMINGS		
	WORLD:	28.22	W	11/12/2016	JEFF COMMINGS	USA	
1	Solberg, Sean			41	Richmond Plunge Masters-38		40.28

Men 40-44 200 SC Meter Breaststroke

	PAC:	2:16.03	P	12/31/2009	Roque J Santos		
	NATL:	2:13.72	N	12/7/2014	STEVE WEST		
	WORLD:	2:13.72	W	12/7/2014	STEVE WEST	USA	
1	Hanley, Nicholas			40	Vacaville-PC		3:05.57
		41.67		1:28.88 (47.21)	2:17.61 (48.73)		3:05.57 (47.96)
2	Solberg, Sean			41	Richmond Plunge Masters-38		3:14.63
		45.34		1:34.40 (49.06)	2:23.84 (49.44)		3:14.63 (50.79)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 40-44 200 SC Meter Butterfly**

	PAC:	2:15.28	P	12/2/2007	Darren D Phalen		
	NATL:	2:02.97	N	10/11/1998	WILLIAM SPECHT		
	WORLD:	2:02.97	W	10/11/1998	WILLIAM SPECHT	USA	
1	Solberg, Sean			41	Richmond Plunge Masters-38		3:01.37
		40.65		1:26.62 (45.97)	2:13.69 (47.07)	3:01.37 (47.68)	

Men 40-44 100 SC Meter IM

	PAC:	58.94	P	11/16/2008	Roque J Santos		
	NATL:	57.19	N	11/16/2014	JEFF COMMINGS		
	WORLD:	57.07	W	5/5/2016	HIDEAKI HARA	JPN	
---	Copp, Justin			44	Presentation Masters-38		DQ
		31.11		DQ (38.41)			

Men 40-44 400 SC Meter IM

	PAC:	4:32.05	P	11/16/2008	Roque J Santos		
	NATL:	4:30.68	N	10/10/2014	ERIC CHRISTENSEN		
	WORLD:	4:30.68	W	10/10/2014	ERIC CHRISTENSEN	USA	
1	Kerekjarto, Tamas			40	Club Hot Tub-38		4:40.54
		27.83		1:00.41 (32.58)	1:34.97 (34.56)	2:10.02 (35.05)	
		2:49.24 (39.22)		3:30.12 (40.88)	4:05.33 (35.21)	4:40.54 (35.21)	
2	Hanley, Nicholas			40	Vacaville-PC		6:26.07
		34.20		1:18.47 (44.27)	2:06.07 (47.60)	2:55.24 (49.17)	
		3:52.97 (57.73)		4:51.74 (58.77)	5:38.90 (47.16)	6:26.07 (47.17)	

Men 45-49 50 SC Meter Freestyle

	PAC:	24.67	P	12/31/2008	David E Boatwright		
	NATL:	23.58	N	11/13/2016	SIPHIWE BALEKA		
	WORLD:	23.29	W	5/7/2016	JOAKIM HOLMQUIST	SWE	
1	Mills, Jonny			49	Fremont Hills Masters-38		26.51
2	Fahlen, Mark			48	Modesto Area Aquatic Club-38		29.01
3	Wright, Eric			46	California Gold Masters-38		30.47
4	Lehnert, Ahren			46	Marcia's Enthusiastic Masters-38		32.65
5	Odonnell, James			45	El Camino YMCA Masters-38		32.71

Men 45-49 100 SC Meter Freestyle

	PAC:	53.76	P	12/31/2006	David E Boatwright		
	NATL:	52.54	N	12/2/2007	PAUL SMITH		
	WORLD:	51.30	W	3/10/2012	NICOLAS GRANGER	FRA	
1	Mills, Jonny			49	Fremont Hills Masters-38		1:00.18
		28.48		1:00.18 (31.70)			
2	Fahlen, Mark			48	Modesto Area Aquatic Club-38		1:03.03
		30.62		1:03.03 (32.41)			
3	Wright, Eric			46	California Gold Masters-38		1:06.81
		31.60		1:06.81 (35.21)			
4	Odonnell, James			45	El Camino YMCA Masters-38		1:12.65
		34.06		1:12.65 (38.59)			

Men 45-49 200 SC Meter Freestyle

	PAC:	2:00.13	P	12/31/1996	Tim Broderick		
	NATL:	1:56.00	N	12/2/2007	PAUL SMITH		
	WORLD:	1:52.87	W	3/9/2012	NICOLAS GRANGER	FRA	
1	Fahlen, Mark			48	Modesto Area Aquatic Club-38		2:16.20
		31.88		1:05.97 (34.09)	1:40.75 (34.78)	2:16.20 (35.45)	
2	Montoya, Ivan			49	Stanford Masters Swimming-38		2:19.48
		29.65		1:03.97 (34.32)	1:40.57 (36.60)	2:19.48 (38.91)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 45-49 200 SC Meter Freestyle)**

3	Wright, Eric	46	California Gold Masters-38	2:25.39
	33.05	1:09.91 (36.86)	1:48.19 (38.28)	2:25.39 (37.20)
4	Lehnert, Ahren	46	Marcia's Enthusiastic Masters-38	2:41.81
	36.82	1:18.44 (41.62)	2:01.52 (43.08)	2:41.81 (40.29)

Men 45-49 400 SC Meter Freestyle

	PAC:	4:18.44	P	12/31/1996	Tim Broderick	
	NATL:	4:09.19	N	11/1/2009	KEITH SWITZER	
	WORLD:	4:03.10	W	4/18/2015	FABIO CALMASINI	ITA
1	Fahlen, Mark	48	Modesto Area Aquatic Club-38	4:53.05		
	34.50	1:11.59 (37.09)	1:48.90 (37.31)	2:26.30 (37.40)		
	3:03.76 (37.46)	3:40.95 (37.19)	4:17.83 (36.88)	4:53.05 (35.22)		
2	Wright, Eric	46	California Gold Masters-38	5:17.97		
	35.91	1:15.29 (39.38)	1:55.63 (40.34)	2:36.34 (40.71)		
	3:17.28 (40.94)	3:58.71 (41.43)	4:39.46 (40.75)	5:17.97 (38.51)		
3	Lehnert, Ahren	46	Marcia's Enthusiastic Masters-38	5:49.71		
	38.42	1:22.11 (43.69)	2:06.55 (44.44)	2:52.65 (46.10)		
	3:38.34 (45.69)	4:23.96 (45.62)	5:08.63 (44.67)	5:49.71 (41.08)		

Men 45-49 50 SC Meter Backstroke

	PAC:	29.16	P	10/14/2018	Peter S Moore	
	NATL:	27.02	N	12/12/2009	CHRIS STEVENSON	
	WORLD:	26.60	W	3/26/2017	DANIEL LONNBERG	SWE
1	Wright, Eric	46	California Gold Masters-38	39.37		

Men 45-49 200 SC Meter Backstroke

	PAC:	2:16.75	P	10/10/2015	Rick M Hamilton	
	NATL:	2:05.54	N	12/12/2009	CHRIS STEVENSON	
	WORLD:	2:05.54	W	12/12/2009	CHRIS STEVENSON	USA
1	Fahlen, Mark	48	Modesto Area Aquatic Club-38	2:56.16		
	42.73	1:27.52 (44.79)	2:12.24 (44.72)	2:56.16 (43.92)		

Men 45-49 200 SC Meter Breaststroke

	PAC:	2:33.54	P	10/10/2015	Roque J Santos	
	NATL:	2:15.45	N	11/30/2018	STEVE WEST	
	WORLD:	2:16.12	W	12/3/2017	STEVE WEST	USA
1	Lehnert, Ahren	46	Marcia's Enthusiastic Masters-38	3:23.55		
	47.00	1:40.21 (53.21)	2:33.03 (52.82)	3:23.55 (50.52)		

Men 45-49 50 SC Meter Butterfly

	PAC:	26.65	P	10/2/2011	Matt Jones	
	NATL:	25.74	N	12/13/2009	FRITZ BEDFORD	
	WORLD:	24.38	W	3/19/2017	EIJI NOMURA	JPN
1	Montoya, Ivan	49	Stanford Masters Swimming-38	29.44		
2	Odonnell, James	45	El Camino YMCA Masters-38	46.16		

Men 45-49 200 SC Meter Butterfly

	PAC:	2:19.44	P	10/18/2009	John A Engs	
	NATL:	2:06.40	N	11/19/2006	DENNIS BAKER	
	WORLD:	2:06.11	W	3/18/2017	EIJI NOMURA	JPN
---	Montoya, Ivan	49	Stanford Masters Swimming-38	DQ		
	32.92	1:11.05 (38.13)	1:50.47 (39.42)	DQ (39.40)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 45-49 100 SC Meter IM**

	PAC:	1:03.29	P	10/10/2015	Roque J Santos		
	NATL:	1:00.09	N	11/13/2016	SIPHIWE BALEKA		
	WORLD:	57.68	W	3/9/2012	NICOLAS GRANGER	FRA	
1	Lehnert, Ahren			46	Marcia's Enthusiastic Masters-38		1:32.23
		45.99					1:32.23 (46.24)
---	Odonnell, James			45	El Camino YMCA Masters-38		DQ
		40.87					DQ (45.95)

Men 45-49 400 SC Meter IM

	PAC:	4:55.44	P	12/31/2008	Darren D Phalen		
	NATL:	4:43.64	N	9/26/2010	JEROME FRENTSOS		
	WORLD:	4:31.36	W	4/7/2012	NICOLAS GRANGER	FRA	
1	Lande, David			47	Mountain View Masters-38		6:17.31
		42.67					1:29.61 (46.94) 2:21.44 (51.83) 3:12.22 (50.78)
		4:01.77 (49.55)					4:52.17 (50.40) 5:35.85 (43.68) 6:17.31 (41.46)

Men 50-54 50 SC Meter Freestyle

	PAC:	25.53	P	12/31/2003	Thomas W Whatley		
	NATL:	23.38	N	10/18/2009	ROWDY GAINES		
	WORLD:	23.38	W	10/18/2009	ROWDY GAINES	USA	
1	Gorek, Thomas			51	Uc38-38		27.52
2	Vettel, Eric			54	El Camino YMCA Masters-38		31.10
3	Glantschnig, Georg			50	Fremont Hills Masters-38		31.47
4	Higgins, John			52	Menlo Masters-38		31.51
5	Snyder, Alan			52	Fremont Hills Masters-38		40.69

Men 50-54 100 SC Meter Freestyle

	PAC:	56.67	P	12/31/2003	Richard S Garrett		
	NATL:	51.61	N	10/17/2009	ROWDY GAINES		
	WORLD:	51.49	W	3/26/2017	NICOLAS GRANGER	FRA	
1	Gorek, Thomas			51	Uc38-38		1:01.28
		29.92					1:01.28 (31.36)
2	Higgins, John			52	Menlo Masters-38		1:10.25
		33.70					1:10.25 (36.55)

Men 50-54 200 SC Meter Freestyle

	PAC:	2:05.03	P	3/9/2014	Darren D Phalen		
	NATL:	1:54.61	N	10/14/2011	ROWDY GAINES		
	WORLD:	1:54.61	W	10/14/2011	AMBROSE GAINES	USA	
1	Beller, Derek			52	Uc38-38		2:39.96
		36.18					1:15.52 (39.34) 1:57.46 (41.94) 2:39.96 (42.50)
2	Vettel, Eric			54	El Camino YMCA Masters-38		2:41.16
		37.12					1:17.76 (40.64) 2:01.33 (43.57) 2:41.16 (39.83)

Men 50-54 400 SC Meter Freestyle

	PAC:	4:16.37	P	10/14/2017	Barton S Wells		
	NATL:	4:07.99	N	12/10/2000	JIM MCCONICA		
	WORLD:	4:04.48	W	1/29/2017	NICHOLAS GRANGER	FRA	
1	Hamilton, Richard			52	Manatee Aquatic Masters Inc-38		4:46.60
		31.62					1:07.23 (35.61) 1:43.77 (36.54) 2:20.96 (37.19)
		2:57.82 (36.86)					3:34.95 (37.13) 4:11.18 (36.23) 4:46.60 (35.42)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 50-54 50 SC Meter Backstroke**

	PAC:	29.64	P	12/3/2017	Rick M Hamilton		
	NATL:	26.69	N	10/24/2015	FRITZ BEDFORD		
	WORLD:	26.69	W	10/24/2015	FRITZ BEDFORD	USA	
1	Vettel, Eric				54 El Camino YMCA Masters-38		40.85
2	Beller, Derek				52 Uc38-38		42.92
---	Snyder, Alan				52 Fremont Hills Masters-38		DQ

Men 50-54 200 SC Meter Backstroke

	PAC:	2:16.82	P	12/1/2017	Rick M Hamilton		
	NATL:	2:11.84	N	12/4/2009	JAMIE FOWLER		
	WORLD:	2:07.13	W	5/6/2017	NICOLAS GRANGER	FRA	
1	Hamilton, Richard				52 Manatee Aquatic Masters Inc-38		2:33.89
		34.67		1:13.06 (38.39)		1:53.24 (40.18)	2:33.89 (40.65)

Men 50-54 50 SC Meter Breaststroke

	PAC:	31.10	P	10/18/2009	Gary L Patterson		
	NATL:	29.84	N	12/8/2013	DAVID GUTHRIE		
	WORLD:	29.71	W	4/9/2017	C.ARTURO TRAVAINI	ITA	
1	Goode, John				52 Mountain View Masters-38		36.97
2	Hong, Jimmy				50 Fremont Hills Masters-38		37.28
3	Higgins, John				52 Menlo Masters-38		41.98

Men 50-54 200 SC Meter Breaststroke

	PAC:	2:34.71	P	12/31/1996	Robert Strand		
	NATL:	2:21.65	N	12/8/2013	DAVID GUTHRIE		
	WORLD:	2:19.36	W	3/23/2018	NICOLAS GRANGER	FRA	
1	Hamilton, Richard				52 Manatee Aquatic Masters Inc-38		2:50.78
		39.27		1:23.18 (43.91)		2:07.14 (43.96)	2:50.78 (43.64)
2	Goode, John				52 Mountain View Masters-38		2:57.19
		38.51		1:22.02 (43.51)		2:10.48 (48.46)	2:57.19 (46.71)
3	Hong, Jimmy				50 Fremont Hills Masters-38		3:07.63
		41.25		1:28.13 (46.88)		2:16.73 (48.60)	3:07.63 (50.90)
---	Glantschnig, Georg				50 Fremont Hills Masters-38		DQ
		44.43		1:35.37 (50.94)		2:28.69 (53.32)	DQ (51.67)

Men 50-54 50 SC Meter Butterfly

	PAC:	26.12	P	12/31/2007	Paul V Carter		
	NATL:	25.74	N	12/8/2018	STEVE HILTABIDDLE		
	WORLD:	25.49	W	5/16/2009	DAN THOMPSON	CAN	
1	Higgins, John				52 Menlo Masters-38		36.86
2	Snyder, Alan				52 Fremont Hills Masters-38		48.95

Men 50-54 200 SC Meter Butterfly

	PAC:	2:21.84	P	3/9/2014	Darren D Phalen		
	NATL:	2:10.52	N	5/21/2016	MIKE SHAFFER		
	WORLD:	2:09.19	W	3/25/2018	NICOLAS GRANGER	FRA	
1	Hamilton, Richard				52 Manatee Aquatic Masters Inc-38		2:36.77
		33.36		1:13.01 (39.65)		1:54.18 (41.17)	2:36.77 (42.59)

Men 50-54 100 SC Meter IM

	PAC:	1:02.51	P	12/31/2008	Ken Shilling		
	NATL:	1:00.57	N	12/10/2016	SCOTT HEBER		
	WORLD:	57.69	W	3/24/2017	NICOLAS GRANGER	FRA	
1	Goode, John				52 Mountain View Masters-38		1:22.02
		39.04		1:22.02 (42.98)			

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 50-54 100 SC Meter IM)**

2	Higgins, John	52	Menlo Masters-38	1:22.75
	39.57	1:22.75 (43.18)		

Men 50-54 400 SC Meter IM

	PAC:	5:02.72	P	3/9/2013	Darren D Phalen	
	NATL:	4:45.15	N	5/18/2015	JEROME FRENTSOS	
	WORLD:	4:29.33	W	3/23/2017	NICOLAS GRANGER	FRA
1	Hamilton, Richard	52	Manatee Aquatic Masters Inc-38	5:23.38		
	34.87	1:13.78 (38.91)	1:54.70 (40.92)	2:34.92 (40.22)		
	3:21.96 (47.04)	4:09.25 (47.29)	4:46.59 (37.34)	5:23.38 (36.79)		

Men 55-59 50 SC Meter Freestyle

	PAC:	26.15	P	12/31/2009	Eric D van Boer	
	NATL:	24.66	N	10/10/2015	STEVE WOOD	
	WORLD:	24.51	W	4/19/2015	BRENT BARNES	JPN
1	Anderson, Thomas D	58	Menlo Masters-38	29.00		
2	Hayes, Kevin	56	El Camino YMCA Masters-38	30.04		
3	Levy, Sid	56	Manatee Aquatic Masters Inc-38	31.62		

Men 55-59 100 SC Meter Freestyle

	PAC:	58.66	P	12/31/2000	Tim A Birnie	
	NATL:	54.50	N	4/5/2009	JACK GROSELLE	
	WORLD:	54.50	W	4/5/2009	JACK GROSELLE	USA
1	Doyas, Greg	57	Fremont Hills Masters-38	1:03.20		
	30.93	1:03.20 (32.27)				
2	Anderson, Thomas D	58	Menlo Masters-38	1:05.99		
	31.85	1:05.99 (34.14)				
3	Taylor, Ron	59	Richmond Plunge Masters-38	1:06.78		
	32.25	1:06.78 (34.53)				
4	Hayes, Kevin	56	El Camino YMCA Masters-38	1:06.85		
	31.54	1:06.85 (35.31)				
5	Levy, Sid	56	Manatee Aquatic Masters Inc-38	1:10.20		
	34.18	1:10.20 (36.02)				

Men 55-59 200 SC Meter Freestyle

	PAC:	2:06.20	P	12/31/2003	R Tod Spieker	
	NATL:	1:59.08	N	11/21/2009	MICHAEL MANN	
	WORLD:	1:59.08	W	11/21/2009	MICHAEL MANN	USA
1	Hayes, Kevin	56	El Camino YMCA Masters-38	2:30.00		
	33.43	1:10.44 (37.01)	1:50.04 (39.60)	2:30.00 (39.96)		
2	Taylor, Ron	59	Richmond Plunge Masters-38	2:31.27		
	34.70	1:13.57 (38.87)	1:52.84 (39.27)	2:31.27 (38.43)		
3	Levy, Sid	56	Manatee Aquatic Masters Inc-38	2:32.63		
	35.16	1:15.16 (40.00)	1:54.45 (39.29)	2:32.63 (38.18)		

Men 55-59 400 SC Meter Freestyle

	PAC:	4:28.73	P	12/31/2003	R Tod Spieker	
	NATL:	4:16.03	N	11/22/2009	MICHAEL MANN	
	WORLD:	4:16.03	W	11/22/2009	MICHAEL MANN	USA
1	Anderson, Thomas D	58	Menlo Masters-38	5:23.24		
	36.08	1:16.02 (39.94)	1:57.09 (41.07)	2:38.45 (41.36)		
	3:20.08 (41.63)	4:01.65 (41.57)	4:43.12 (41.47)	5:23.24 (40.12)		

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 55-59 50 SC Meter Backstroke**

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

1 Lee, Howard 55 Bay Club-38 37.04

Men 55-59 50 SC Meter Breaststroke

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

1 Lee, Howard 55 Bay Club-38 38.83
 2 Taylor, Ron 59 Richmond Plunge Masters-38 39.28
 3 McNamara, Peter 58 Mountain View Masters-38 40.50
 4 Souders, Steve 59 Fremont Hills Masters-38 47.96

Men 55-59 200 SC Meter Breaststroke

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

1 Souders, Steve 59 Fremont Hills Masters-38 4:10.94
 55.16 1:59.11 (1:03.95) 3:05.93 (1:06.82) 4:10.94 (1:05.01)

Men 55-59 50 SC Meter Butterfly

PAC: 27.16 P 10/4/2014 **Paul V Carter**
NATL: 26.55 N 10/20/2018 **FRITZ BEDFORD**
WORLD: 26.45 W 5/18/2013 **DAN THOMPSON** **CAN**

1 Anderson, Thomas D 58 Menlo Masters-38 34.14
 2 Hayes, Kevin 56 El Camino YMCA Masters-38 34.25

Men 55-59 100 SC Meter IM

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

1 Antonick, Gary 56 Stanford Masters Swimming-38 1:11.69
 32.34 1:11.69 (39.35)
 2 Lee, Howard 55 Bay Club-38 1:21.94
 39.40 1:21.94 (42.54)
 3 Levy, Sid 56 Manatee Aquatic Masters Inc-38 1:22.22
 39.03 1:22.22 (43.19)
 4 McNamara, Peter 58 Mountain View Masters-38 1:23.74
 38.82 1:23.74 (44.92)
 --- Hayes, Kevin 56 El Camino YMCA Masters-38 DQ
 37.79 DQ (42.55)

Men 55-59 200 SC Meter IM

PAC: 2:25.63 P 12/31/2008 **Jim Clemmons**
NATL: 2:16.44 N 11/22/2009 **MICHAEL MANN**
WORLD: 2:16.44 W 11/22/2009 **MICHAEL MANN** **USA**

1 Antonick, Gary 56 Stanford Masters Swimming-38 2:40.66
 33.50 1:16.48 (42.98) 2:04.71 (48.23) 2:40.66 (35.95)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 55-59 400 SC Meter IM**

	PAC:	5:13.29	P	12/31/2003	R Tod Spieker		
	NATL:	4:51.97	N	11/21/2009	MICHAEL MANN		
	WORLD:	4:51.97	W	11/21/2009	MICHAEL MANN	USA	
1	Antonick, Gary			56	Stanford Masters Swimming-38		5:35.67
		33.20		1:12.05 (38.85)	1:55.34 (43.29)	2:39.64 (44.30)	
		3:28.65 (49.01)		4:17.02 (48.37)	4:56.69 (39.67)	5:35.67 (38.98)	

Men 60-64 50 SC Meter Freestyle

	PAC:	26.56	P	10/9/2016	Loren Druz		
	NATL:	24.90	N	12/3/2006	RICHARD ABRAHAMS		
	WORLD:	24.90	W	12/3/2006	RICH ABRAHAMS	USA	
1	Pluemer, Andreas			62	Stanford Masters Swimming-38		41.20

Men 60-64 100 SC Meter Freestyle

	PAC:	1:00.56	P	11/30/2018	LDruz&SCutting		
	NATL:	55.87	N	5/17/2014	JACK GROSELLE		
	WORLD:	55.87	W	5/17/2014	JACK GROSELLE	USA	
1	Cutting, Steve			62	Manatee Aquatic Masters Inc-38		1:04.01
		31.30		1:04.01 (32.71)			
2	Pluemer, Andreas			62	Stanford Masters Swimming-38		1:37.51
		44.69		1:37.51 (52.82)			

Men 60-64 400 SC Meter Freestyle

	PAC:	4:42.39	P	12/31/2010	Jim Clemmons		
	NATL:	4:29.92	N	12/2/2017	DAN STEPHENSON		
	WORLD:	4:29.92	W	12/2/2017	DAN STEPHENSON	USA	
1	Cutting, Steve			62	Manatee Aquatic Masters Inc-38		5:06.76
		35.26		1:13.84 (38.58)	1:52.71 (38.87)	2:31.69 (38.98)	
		3:10.98 (39.29)		3:50.33 (39.35)	4:29.43 (39.10)	5:06.76 (37.33)	
2	Citron, Jeffrey M			64	Marcia's Enthusiastic Masters-38		5:51.73
		40.59		1:24.42 (43.83)	2:09.20 (44.78)	2:54.67 (45.47)	
		3:40.02 (45.35)		4:25.68 (45.66)	5:10.40 (44.72)	5:51.73 (41.33)	
3	Tsugawa, Peter			61	Marcia's Enthusiastic Masters-38		6:28.25
		44.24		1:32.07 (47.83)	2:21.86 (49.79)	3:11.93 (50.07)	
		4:01.96 (50.03)		4:51.72 (49.76)	5:42.03 (50.31)	6:28.25 (46.22)	

Men 60-64 50 SC Meter Backstroke

	PAC:	31.59	P	12/31/2010	Hugh Wilder		
	NATL:	29.64	N	3/29/2014	PHILIPP DJANG		
	WORLD:	29.64	W	3/29/2014	PHILIPP DJANG	USA	
---	Pluemer, Andreas			62	Stanford Masters Swimming-38		DQ

Men 60-64 200 SC Meter Backstroke

	PAC:	2:27.91	P	5/20/2018	Joe S Dunn		
	NATL:	2:20.38	N	11/12/2016	TOM BARTON		
	WORLD:	2:20.38	W	11/12/2016	TOM BARTON	USA	
1	Cutting, Steve			62	Manatee Aquatic Masters Inc-38		2:39.26
		38.71		1:19.53 (40.82)	2:00.07 (40.54)	2:39.26 (39.19)	
2	Citron, Jeffrey M			64	Marcia's Enthusiastic Masters-38		3:11.97
		46.35		1:34.96 (48.61)	2:23.78 (48.82)	3:11.97 (48.19)	
3	Tsugawa, Peter			61	Marcia's Enthusiastic Masters-38		4:00.54
		55.02		1:54.53 (59.51)	2:58.76 (1:04.23)	4:00.54 (1:01.78)	

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 60-64 50 SC Meter Breaststroke**

PAC: 32.31 P 12/31/2009 **Robert Strand**
NATL: 31.51 N 11/21/2015 **RICK COLELLA**
WORLD: 31.51 W 11/21/2015 **RICK COLELLA** **USA**

1 Pluemer, Andreas 62 Stanford Masters Swimming-38 50.34

Men 60-64 200 SC Meter Breaststroke

PAC: 2:40.76 P 12/31/2009 **Robert Strand**
NATL: 2:37.61 N 11/13/2011 **RICK COLELLA**
WORLD: 2:37.61 W 11/13/2011 **RICK COLELLA** **USA**

1 Cutting, Steve 62 Manatee Aquatic Masters Inc-38 3:05.96

43.14 1:30.09 (46.95) 2:18.22 (48.13) 3:05.96 (47.74)

2 Citron, Jeffrey M 64 Marcia's Enthusiastic Masters-38 3:45.03

49.88 1:48.33 (58.45) 2:49.25 (1:00.92) 3:45.03 (55.78)

3 Tsugawa, Peter 61 Marcia's Enthusiastic Masters-38 3:48.10

53.27 1:51.21 (57.94) 2:50.58 (59.37) 3:48.10 (57.52)

Men 60-64 50 SC Meter Butterfly

PAC: 30.08 P 10/10/2009 **Thomas H Knopf**
NATL: 27.40 N 5/25/2019 **BRUCE KONE**
WORLD: 26.78 W 5/13/2017 **DAN THOMPSON** **CAN**

1 Pluemer, Andreas 62 Stanford Masters Swimming-38 56.32

Men 60-64 200 SC Meter Butterfly

PAC: 2:37.76 P 10/10/2015 **Peter M Guadagni**
NATL: 2:23.29 N 11/22/2015 **RICK COLELLA**
WORLD: 2:20.27 W 1/20/2018 **HUGO BREGMAN** **NED**

1 Cutting, Steve 62 Manatee Aquatic Masters Inc-38 2:52.48

37.53 1:21.86 (44.33) 2:06.94 (45.08) 2:52.48 (45.54)

2 Citron, Jeffrey M 64 Marcia's Enthusiastic Masters-38 3:55.02

50.30 1:50.16 (59.86) 2:53.78 (1:03.62) 3:55.02 (1:01.24)

--- Tsugawa, Peter 61 Marcia's Enthusiastic Masters-38 DQ

52.96 2:05.64 (1:12.68) 2:28.60 (22.96)

Men 60-64 100 SC Meter IM

PAC: 1:07.98 P 12/31/2009 **Robert Strand**
NATL: 1:04.23 N 3/21/2015 **RICK COLELLA**
WORLD: 1:04.23 W 3/21/2015 **RICK COLELLA** **USA**

1 Pluemer, Andreas 62 Stanford Masters Swimming-38 1:53.89

55.69 1:53.89 (58.20)

Men 60-64 400 SC Meter IM

PAC: 5:22.86 P 12/31/2010 **Jim Clemmons**
NATL: 5:04.54 N 11/13/2011 **RICK COLELLA**
WORLD: 5:04.54 W 11/13/2011 **RICK COLELLA** **USA**

1 Cutting, Steve 62 Manatee Aquatic Masters Inc-38 5:46.24

36.84 1:18.98 (42.14) 2:03.74 (44.76) 2:46.83 (43.09)

3:35.48 (48.65) 4:26.15 (50.67) 5:07.70 (41.55) 5:46.24 (38.54)

2 Citron, Jeffrey M 64 Marcia's Enthusiastic Masters-38 7:13.13

47.85 1:48.76 (1:00.91) 2:43.97 (55.21) 3:36.63 (52.66)

4:40.03 (1:03.40) 5:43.15 (1:03.12) 6:29.83 (46.68) 7:13.13 (43.30)

3 Tsugawa, Peter 61 Marcia's Enthusiastic Masters-38 7:34.33

50.88 1:52.09 (1:01.21) 2:53.57 (1:01.48) 3:53.18 (59.61)

4:56.03 (1:02.85) 5:58.28 (1:02.25) 6:47.99 (49.71) 7:34.33 (46.34)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 65-69 50 SC Meter Freestyle**

PAC: 26.85 P 9/18/2016 **Tate Holt**
NATL: 25.42 N 3/3/2018 **DOUG MARTIN**
WORLD: 25.42 W 3/3/2018 **DOUG MARTIN** **USA**

1 Shannon, Robert D 66 Alameda Aquatic Masters-38 32.63

Men 65-69 200 SC Meter Freestyle

PAC: 2:14.82 P 9/18/2016 **Tim Broderick**
NATL: 2:07.56 N 11/19/2016 **RICK COLELLA**
WORLD: 2:07.56 W 11/19/2016 **RICK COLELLA** **USA**

1 Broderick, Tim 68 Stanford Masters Swimming-38 2:23.33
 33.91 1:10.11 (36.20) 1:46.99 (36.88) 2:23.33 (36.34)

Men 65-69 400 SC Meter Freestyle

PAC: 4:59.42 P 10/10/2015 **Jim Clemmons**
NATL: 4:27.91 N 11/19/2017 **RICK COLELLA**
WORLD: 4:27.91 W 11/19/2017 **RICK COLELLA** **USA**

1 Small, Stephen 67 Marcia's Enthusiastic Masters-38 6:02.28
 39.65 1:23.08 (43.43) 2:10.86 (47.78) 2:57.08 (46.22)
 3:44.45 (47.37) 4:31.12 (46.67) 5:18.78 (47.66) 6:02.28 (43.50)

Men 65-69 50 SC Meter Backstroke

PAC: 30.34 P 12/31/2012 **Hugh Wilder**
NATL: 30.34 N 12/2/2012 **HUGH WILDER**
WORLD: 30.34 W 12/2/2012 **HUGH WILDER** **USA**

1 Shannon, Robert D 66 Alameda Aquatic Masters-38 40.90
 2 Johanson, Jeff 65 Tuolumne County Aquatic Master-38 43.49

Men 65-69 200 SC Meter Backstroke

PAC: 2:34.93 P 10/12/2014 **Alek I Shestakov**
NATL: 2:31.16 N 3/17/2018 **LAWRENCE DAY**
WORLD: 2:31.16 W 3/17/2018 **LAWRENCE DAY** **USA**

1 Small, Stephen 67 Marcia's Enthusiastic Masters-38 3:25.07
 47.03 1:36.87 (49.84) 2:30.68 (53.81) 3:25.07 (54.39)

Men 65-69 50 SC Meter Breaststroke

PAC: 34.92 P 10/18/2009 **David R Gildea**
NATL: 32.50 N 11/20/2016 **RICK COLELLA**
WORLD: 32.50 W 11/20/2016 **RICK COLELLA** **USA**

1 Johanson, Jeff 65 Tuolumne County Aquatic Master-38 43.00
 2 Shannon, Robert D 66 Alameda Aquatic Masters-38 44.27

Men 65-69 200 SC Meter Breaststroke

PAC: 2:54.15 P 10/10/2015 **Jim Clemmons**
NATL: 2:36.85 N 11/19/2017 **RICK COLELLA**
WORLD: 2:36.85 W 11/19/2017 **RICK COLELLA** **USA**

1 Small, Stephen 67 Marcia's Enthusiastic Masters-38 3:27.48
 46.54 1:38.91 (52.37) 2:33.08 (54.17) 3:27.48 (54.40)
 2 Johanson, Jeff 65 Tuolumne County Aquatic Master-38 3:28.56
 47.02 1:40.13 (53.11) 2:34.45 (54.32) 3:28.56 (54.11)

Men 65-69 50 SC Meter Butterfly

PAC: 30.66 P 12/31/2012 **Hugh Wilder**
NATL: 28.65 N 3/3/2018 **DOUG MARTIN**
WORLD: 28.65 W 3/3/2018 **DOUG MARTIN** **USA**

1 Shannon, Robert D 66 Alameda Aquatic Masters-38 36.19

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****(Men 65-69 50 SC Meter Butterfly)**

2	Johanson, Jeff	65	Tuolumne County Aquatic Master-38	41.25
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Men 65-69 200 SC Meter Butterfly

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

1	Small, Stephen	67	Marcia's Enthusiastic Masters-38	4:04.41
	49.14	1:50.22 (1:01.08)	2:58.05 (1:07.83)	4:04.41 (1:06.36)

Men 65-69 100 SC Meter IM

PAC:	1:10.67	P	12/31/2008	Richard Burns
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NATL:	1:05.43	N	11/19/2016	RICK COLELLA
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WORLD:	1:05.43	W	11/19/2016	RICK COLELLA
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USA

1	Shannon, Robert D	66	Alameda Aquatic Masters-38	1:25.38
	38.46	1:25.38 (46.92)		
2	Johanson, Jeff	65	Tuolumne County Aquatic Master-38	1:29.07
	41.43	1:29.07 (47.64)		

Men 65-69 400 SC Meter IM

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

1	Small, Stephen	67	Marcia's Enthusiastic Masters-38	7:18.91
	50.84	1:50.09 (59.25)	2:42.70 (52.61)	3:38.76 (56.06)
	4:42.78 (1:04.02)	5:46.61 (1:03.83)	6:32.85 (46.24)	7:18.91 (46.06)

Men 70-74 50 SC Meter Freestyle

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

1	Bernard, Alan	70	Tamalpais Aquatic Masters-38	30.28
2	Stein, Fred	72	El Camino YMCA Masters-38	37.84

Men 70-74 100 SC Meter Freestyle

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

1	Stein, Fred	72	El Camino YMCA Masters-38	1:25.62
	40.50	1:25.62 (45.12)		

Men 70-74 200 SC Meter Freestyle

PAC:	2:25.01	P	9/22/2013	Richard Burns
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NATL:	2:19.63	N	11/17/2018	DAN KIRKLAND
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WORLD:	2:21.49	W	2/4/2018	DAN KIRKLAND
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USA

1	Bernard, Alan	70	Tamalpais Aquatic Masters-38	2:29.41
	34.88	1:13.88 (39.00)	1:53.02 (39.14)	2:29.41 (36.39)

Men 70-74 200 SC Meter Backstroke

PAC:	2:38.01	P	12/6/2013	Richard Burns
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NATL:	2:38.01	N	12/6/2013	RICHARD BURNS
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WORLD:	2:38.01	W	12/6/2013	RICHARD BURNS
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USA

1	Shestakov, Alek	70	Oakwood Athletic Club Masters-38	2:46.87
	39.57	1:21.45 (41.88)	2:04.69 (43.24)	2:46.87 (42.18)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 70-74 100 SC Meter IM**

	PAC:	1:14.40	P	10/6/2013	Richard Burns		
	NATL:	1:12.74	N	5/25/2019	STEVEN HECK		
	WORLD:	1:13.09	W	10/10/2015	RICHARD ABRAHAMS	USA	
1	Stein, Fred			72	El Camino YMCA Masters-38		1:38.31
		45.98					1:38.31 (52.33)

Men 70-74 200 SC Meter IM

	PAC:	2:41.76	P	5/24/2019	Alek I Shestakov		
	NATL:	2:40.45	N	5/24/2019	HUBIE KERNS		
	WORLD:	2:42.44	W	5/16/2009	BARRY YOUNG	NZL	
1	Shestakov, Alek			70	Oakwood Athletic Club Masters-38		2:42.88
		34.85					1:17.19 (42.34) 2:04.74 (47.55) 2:42.88 (38.14)
2	Bernard, Alan			70	Tamalpais Aquatic Masters-38		2:58.58
		38.04					1:25.23 (47.19) 2:20.50 (55.27) 2:58.58 (38.08)

Men 70-74 400 SC Meter IM

	PAC:	6:01.96	P	5/26/2019	Alek I Shestakov		
	NATL:	6:04.55	N	5/23/2016	DOUGLAS SPRINGER		
	WORLD:	5:57.68	W	3/24/2016	J.LESTIDEAU	FRA	
1	Shestakov, Alek			70	Oakwood Athletic Club Masters-38		5:48.15 W
		36.41					1:18.75 (42.34) 2:04.54 (45.79) 2:49.08 (44.54)
		3:38.53 (49.45)					4:27.17 (48.64) 5:08.60 (41.43) 5:48.15 (39.55)

Men 75-79 50 SC Meter Freestyle

	PAC:	30.53	P	10/14/2018	Richard Burns		
	NATL:	29.90	N	12/3/2016	MIKE FRESHLEY		
	WORLD:	29.90	W	12/3/2016	MIKE FRESHLEY	USA	
1	Burns, Richard			76	Tamalpais Aquatic Masters-38		31.13
2	Stewart, Jim			78	Santa Rosa Masters-38		46.77
3	Yen, Cheng Chung			79	Uc38-38		1:13.46

Men 75-79 100 SC Meter Freestyle

	PAC:	1:10.24	P	9/23/2018	Richard Burns		
	NATL:	1:05.13	N	4/19/2009	DAVID RADCLIFF		
	WORLD:	1:05.13	W	4/19/2009	DAVID RADCLIFF	USA	
1	Stewart, Jim			78	Santa Rosa Masters-38		1:47.79
		49.97					1:47.79 (57.82)

Men 75-79 50 SC Meter Backstroke

	PAC:	33.87	P	12/2/2018	Richard Burns		
	NATL:	33.87	N	12/2/2018	RICHARD BURNS		
	WORLD:	35.51	W	11/16/2008	YOSHI OYAKAWA	USA	
1	Stewart, Jim			78	Santa Rosa Masters-38		59.32

Men 75-79 200 SC Meter Backstroke

	PAC:	2:44.04	P	12/2/2018	Richard Burns		
	NATL:	2:44.04	N	12/2/2018	RICHARD BURNS		
	WORLD:	2:49.20	W	11/22/2009	BURWELL JONES	USA	
1	Burns, Richard			76	Tamalpais Aquatic Masters-38		2:52.88
		41.35					1:24.97 (43.62) 2:09.66 (44.69) 2:52.88 (43.22)
2	Stewart, Jim			78	Santa Rosa Masters-38		5:03.57
		1:05.01					2:20.17 (1:15.16) 3:41.99 (1:21.82) 5:03.57 (1:21.58)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 75-79 50 SC Meter Breaststroke**

PAC: 40.65 P 10/13/2018 David R Gildea
 NATL: 38.35 N 7/24/2016 MIKE FRESHLEY
 WORLD: 38.35 W 7/24/2016 MIKE FRESHLEY USA

1 Yen, Cheng Chung 79 Uc38-38 1:21.88

Men 75-79 100 SC Meter IM

PAC: 1:17.89 P 12/2/2018 Richard Burns
 NATL: 1:17.58 N 7/23/2016 MIKE FRESHLEY
 WORLD: 1:17.58 W 7/23/2016 MIKE FRESHLEY USA

1 Burns, Richard 76 Tamalpais Aquatic Masters-38 1:19.84
 35.83 1:19.84 (44.01)
 2 Yen, Cheng Chung 79 Uc38-38 3:33.72
 1:47.10 3:33.72 (1:46.62)

Men 75-79 400 SC Meter IM

PAC: 7:08.53 P 12/31/1994 Ray Taft
 NATL: 6:29.29 N 7/22/2016 MIKE FRESHLEY
 WORLD: 6:29.29 W 7/22/2016 MIKE FRESHLEY USA

1 Burns, Richard 76 Tamalpais Aquatic Masters-38 6:26.09N
 37.79 1:27.19 (49.40) 2:15.19 (48.00) 3:01.38 (46.19)
 3:59.82 (58.44) 4:59.38 (59.56) 5:43.41 (44.03) 6:26.09 (42.68)

Men 80-84 50 SC Meter Freestyle

PAC: 36.71 P 10/16/2011 Ashley K Jones
 NATL: 31.25 N 12/2/2017 JEFF FARRELL
 WORLD: 31.25 W 12/2/2017 JEFF FARRELL USA

1 Young, Ronald 82 Tamalpais Aquatic Masters-38 50.34

Men 80-84 100 SC Meter Freestyle

PAC: 1:21.52 P 12/31/1999 Ray Taft
 NATL: 1:11.26 N 9/27/2014 DAVID RADCLIFF
 WORLD: 1:11.26 W 9/27/2014 DAVID RADCLIFF USA

1 Young, Ronald 82 Tamalpais Aquatic Masters-38 2:09.06

Men 80-84 200 SC Meter Freestyle

PAC: 3:00.63 P 12/31/1999 Ray Taft
 NATL: 2:38.25 N 9/28/2014 DAVID RADCLIFF
 WORLD: 2:38.25 W 9/28/2014 DAVID RADCLIFF USA

1 Fasnelder, Barry A 82 Oregon Masters-37 3:54.18
 54.32 1:54.88 (1:00.56) 2:56.44 (1:01.56) 3:54.18 (57.74)

Men 80-84 50 SC Meter Backstroke

PAC: 42.96 P 12/31/1999 Ray Taft
 NATL: 37.82 N 11/15/2014 YOSHI OYAKAWA
 WORLD: 37.82 W 11/15/2014 YOSHI OYAKAWA USA

1 Fasnelder, Barry A 82 Oregon Masters-37 53.93

Men 80-84 200 SC Meter Breaststroke

PAC: 3:52.83 P 9/25/2011 Ashley K Jones
 NATL: 3:36.54 N 9/30/2017 DAVID COSTILL
 WORLD: 3:23.69 W 10/14/2017 TONY GOODWIN AUS

1 Fasnelder, Barry A 82 Oregon Masters-37 4:59.64
 1:09.06 2:27.33 (1:18.27) 3:45.21 (1:17.88) 4:59.64 (1:14.43)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 80-84 100 SC Meter IM**

PAC: 1:35.31 P 12/31/1999 Ray Taft
NATL: 1:24.69 N 11/11/2017 DAVID COSTILL
WORLD: 1:24.69 W 11/11/2017 DAVID COSTILL **USA**
 1 Fasnender, Barry A 82 Oregon Masters-37 2:10.27
 1:02.83 2:10.27 (1:07.44)

Men 80-84 400 SC Meter IM

PAC: 7:37.58 P 12/31/1999 Ray Taft
NATL: 7:14.71 N 12/17/2016 DAVID COSTILL
WORLD: 7:09.74 W 4/15/2017 IKURO SHIMONO **JPN**
 1 Fleming, Jack 84 University of San Francisco Ma-38 9:38.81
 56.10 2:10.08 (1:13.98) 3:34.93 (1:24.85) 4:53.87 (1:18.94)
 6:08.74 (1:14.87) 7:24.02 (1:15.28) 8:31.47 (1:07.45) 9:38.81 (1:07.34)

Men 85-89 50 SC Meter Freestyle

PAC: 37.96 P 12/31/2003 William Johnston
NATL: 36.26 N 12/4/2010 FRANK PIEMME
WORLD: 32.23 W 1/29/2016 ROBERTO ALBERICHE **ESP**
 1 Sulzbach, John 85 Menlo Masters-38 45.51

Men 85-89 100 SC Meter Freestyle

PAC: 1:35.43 P 12/31/2002 Aldo da Rosa
NATL: 1:22.97 N 4/13/2019 DAVID RADCLIFF
WORLD: 1:14.68 W 1/31/2016 ROBERTO ALBERICHE **ESP**
 1 Sulzbach, John 85 Menlo Masters-38 1:50.08
 52.13 1:50.08 (57.95)

Men 85-89 200 SC Meter Freestyle

PAC: 3:42.64 P 12/31/2006 Steve P Carlson
NATL: 3:03.23 N 4/14/2019 DAVID RADCLIFF
WORLD: 2:55.35 W 1/30/2016 ROBERTO ALBERICHE **ESP**
 1 Grohe, William E 86 University of San Francisco Ma-38 6:47.81
 1:21.90 2:57.03 (1:35.13) 4:50.47 (1:53.44) 6:47.81 (1:57.34)

Men 85-89 100 SC Meter IM

PAC: 1:59.79 P 12/31/2008 Edward Rudloff
NATL: 1:41.31 N 10/11/2018 CLARKE MITCHELL
WORLD: 1:34.85 W 3/5/2016 ROBERTO ALBERICHE **ESP**
 1 Sulzbach, John 85 Menlo Masters-38 2:15.72
 1:06.22 2:15.72 (1:09.50)

Men 85-89 200 SC Meter IM

PAC: 4:07.59 P 12/31/2002 Aldo da Rosa
NATL: 3:41.83 N 1/27/2019 JAMES ZURCHER
WORLD: 3:48.20 W 5/27/2018 YOSHINAO KAMEI **JPN**
 1 Sulzbach, John 85 Menlo Masters-38 5:11.11
 1:21.36 2:43.27 (1:21.91) 4:07.93 (1:24.66) 5:11.11 (1:03.18)

Men 85-89 400 SC Meter IM

PAC: 11:07.74 P 12/31/2003 William Johnston
NATL: 8:12.94 N 10/30/2010 THOMAS MAINE
WORLD: 8:12.94 W 10/30/2010 THOMAS MAINE **USA**
 1 Sulzbach, John 85 Menlo Masters-38 11:56.72
 1:20.44 3:14.76 (1:54.32) 4:43.77 (1:29.01) 6:18.65 (1:34.88)
 7:48.77 (1:30.12) 9:23.07 (1:34.30) 10:40.44 (1:17.37) 11:56.72 (1:16.28)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Men 90-94 50 SC Meter Freestyle**

PAC: 45.58 P 10/9/2009 Steve P Carlson

NATL: 41.07 N 12/14/2003 WOODROW BOWERSOCK

WORLD: 40.93 W 2/7/2016 TOSHIMI INATOMI JPN

1 Edgerton, Albert 94 Uc38-38 1:15.33

Women 200-239 200 SC Meter Medley Relay

PAC: 2:17.90 P 10/21/2007 WCM

P Landers, L Crittenden, D Swigert, P J Roemer

NATL: 2:13.25 N 11/7/2015 NORTH TEXAS LONESTARS

S STONE, L MIZE, M REA, L MORRISON

1 Fremont Hills Masters-38 A 3:27.17
 1) Waln, Carol W65 2) Zhang, Juan W54 3) Lu, Yanping W51 4) Konkol-Zamir, Simona W49
 47.70 1:50.44 (1:02.74) 2:50.60 (1:00.16) 3:27.17 (36.57)

Men 120-159 200 SC Meter Medley Relay

PAC: 1:45.06 P 12/31/2009 TOC

L Wanie, G Marshall, T Holsman, S Greenwood

NATL: 1:45.01 N 4/16/1994 BAYLOR / LONE STAR

J YARID, G RHODENBAUGH, B PATTEN, M RHODENBAUGH

1 Ucsf Masters-38 A 1:50.91
 29.06 59.39 (30.33) 1:26.82 (27.43) 1:50.91 (24.09)

2 Mountain View Masters-38 A 1:51.14
 1) Garcia, Wilfred M29 2) Green, Zachary Y M30 3) Pereira, Ed M34 4) Stinson, Ian C M33
 28.47 1:04.80 (36.33) 1:35.15 (30.35) 1:51.14 (15.99)

3 Fremont Hills Masters-38 A 2:39.99
 1) Langner, Karol M M37 2) Souders, Steve M59 3) Snyder, Alan M52 4) Huynh, Justin M25
 34.68 1:23.62 (48.94) 1:43.47 (19.85) 2:39.99 (56.52)

Men 160-199 200 SC Meter Medley Relay

PAC: 1:56.44 P 10/16/2011 WCM

H Chao, R J Santos, K Tittle, S A Stahl

NATL: 1:45.13 N 11/16/2008 LONGHORN AQUATICS

A RASMUSSEN, T BARTEE, T BLESSING, M VAROZZA

1 Fremont Hills Masters-38 A 2:11.57
 1) Doyas, Greg M57 2) Hong, Jimmy M50 3) Mills, Jonny M49 4) Earley, Keith M42
 34.16 1:11.44 (37.28) 1:42.68 (31.24) 2:11.57 (28.89)

2 El Camino YMCA Masters-38 A 2:36.08
 1) Odonnell, James M45 2) Kavak, George M25 3) Hayes, Kevin M56 4) Stein, Fred M72
 43.86 1:23.40 (39.54) 1:58.94 (35.54) 2:36.08 (37.14)

Mixed 120-159 800 SC Meter Freestyle Relay

PAC: 8:28.22 P 10/16/2011 WCM

R J Santos, A H Zamanian, L A Beaudreau, A J Nonak

NATL: 8:25.57 N 11/30/2012 NOVAQUATICS MASTERS

C LEWIS, E KRAUS, A COLLINS, D FERNANDEZ

1 Presentation Masters-38 A 9:19.20
 1) Watts, Tim M33 2) Taheri, Nicole W34 3) Copp, Justin M44 4) Zanotto, Khadija W27
 28.07 58.95 (58.95) 1:30.11 (1:30.11) 2:01.38 (2:01.38)
 2:08.41 (7.03) 3:09.63 (1:08.25) 3:48.77 (1:47.39) 4:27.38 (2:26.00)
 4:58.41 (31.03) 5:32.76 (1:05.38) 6:09.93 (1:42.55) 6:47.78 (2:20.40)
 7:23.26 (35.48) 8:00.79 (1:13.01) 8:40.12 (1:52.34) 9:19.20 (2:31.42)

The 16th Annual Alan Liu Memorial SCM Meet - 9/22/2019**Results - Session 1****Mixed 160-199 800 SC Meter Freestyle Relay**

PAC: 8:26.62 P 10/18/2009 WCM

J G Sorensen, A H Zamanian, M M Curran, R J Santos

NATL: 8:26.62 N 10/16/2009 WALNUT CREEK MASTERS

J SORENSEN, A ZAMANIAN, M CURRAN, R SANTOS

1	Fremont Hills Masters-38	A			9:55.93
	1) Earley, Keith M42	2) Mills, Jonny M49	3) Kirk, Dana W35	4) Noriega, Samantha W37	
	33.01	1:07.94 (1:07.94)	1:45.02 (1:45.02)	2:22.43 (2:22.43)	
	2:36.78 (14.35)	2:52.84 (30.41)	3:28.56 (1:06.13)	4:39.44 (2:17.01)	
	5:12.85 (33.41)	5:50.41 (1:10.97)	6:29.39 (1:49.95)	7:07.90 (2:28.46)	
	7:44.78 (36.88)	8:25.93 (1:18.03)	9:10.69 (2:02.79)	9:55.93 (2:48.03)	
2	Mountain View Masters-38	A			10:43.78
	1) Garcia, Wilfred M29	2) Harris, Catherine W37	3) Green, Zachary Y M30	4) Latham, Kate W67	
	28.81	59.78 (59.78)	1:31.61 (1:31.61)	2:04.22 (2:04.22)	
	2:12.27 (8.05)	2:39.61 (35.39)	3:18.10 (1:13.88)	4:38.69 (2:34.47)	
	4:47.90 (9.21)	5:25.74 (47.05)	6:20.59 (1:41.90)	7:17.89 (2:39.20)	
	8:12.39 (54.50)	8:44.68 (1:26.79)	9:23.03 (2:05.14)	10:43.78 (3:25.89)	

Mixed 160-199 200 SC Meter Medley Relay

PAC: 2:04.64 P 10/9/2016 WCM

H Chao, A Nonaka, A Zamanian, E Richards

NATL: 1:53.38 N 11/21/2009 COLORADO MASTERS SWIMMING

S HART, S VON DER LIPPE, C O'SULLIVAN, R ABRAHAMS

1	El Camino YMCA Masters-38	A			2:31.20
	1) Odonnell, James M45	2) Schulz, Tara W42	3) Hayes, Kevin M56	4) Richards, Deborah W51	
	40.60	1:21.78 (41.18)	1:55.31 (33.53)	2:31.20 (35.89)	
2	Mountain View Masters-38	A			2:32.50
	1) Harris, Catherine W37	2) McNamara, Peter M58	3) Thomas, Michael M27	4) Latham, Kate W67	
	37.95	1:18.65 (40.70)	1:48.69 (30.04)	2:32.50 (43.81)	

Mixed 200-239 800 SC Meter Freestyle Relay

PAC: 9:40.55 P 10/16/2011 WCM

L Druz, A Sue M Osborn, L A Ward, B D Volpp

NATL: 8:36.91 N 10/11/2015 ILLINOIS MASTERS

L DILLMANN, D SIMS, A BLOCK, J TUCHLER

1	Menlo Masters-38	A			10:09.42
	1) Rohr, Meredith W37	2) Higgins, John M52	3) Couch, Stephanie W55	4) Anderson, Thomas D M58	
	34.94	1:14.33 (1:14.33)	1:53.53 (1:53.53)	2:29.99 (2:29.99)	
	2:38.12 (8.13)	2:45.65 (15.66)	3:42.73 (1:12.74)	5:02.37 (2:32.38)	
	5:39.98 (37.61)	6:20.71 (1:18.34)	7:02.01 (1:59.64)	7:42.62 (2:40.25)	
	8:15.16 (32.54)	8:51.92 (1:09.30)	9:30.66 (1:48.04)	10:09.42 (2:26.80)	

Mixed 200-239 200 SC Meter Medley Relay

PAC: 2:11.24 P 10/9/2016 WCM

L Ward, I Selinger, J Boone, A Cook

NATL: 1:57.65 N 10/10/2012 BLU FROG TEAM

S HART, D CHANCE, M MIDDLETON, R ABRAHAMS

1	Fremont Hills Masters-38	A			2:09.85 P
	1) Kirk, Dana W35	2) Walker, Lucas A M19	3) Huynh, Justin M25	4) Noriega, Samantha W37	
	35.74	1:06.03 (30.29)	2:09.89 (1:03.86)	2:09.85 ()	
---	Menlo Masters-38	A			DQ
	1) Couch, Stephanie W55	2) Higgins, John M52	3) Feeley, Louise W60	4) Anderson, Thomas D M58	
	41.53	1:26.39 (44.86)	2:03.39 (37.00)	DQ (28.58)	