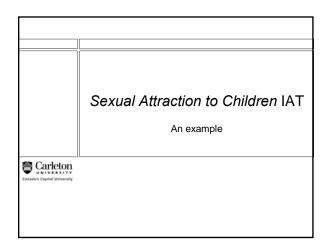


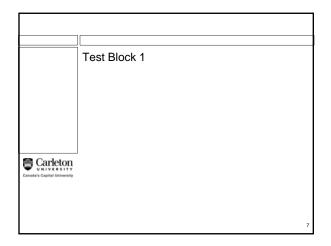


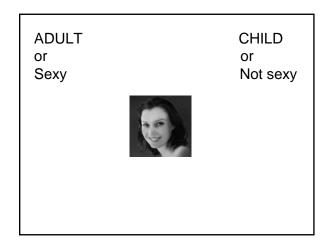
| | Sexual Interest in Children |
|---|--|
| Carleton UNIVERSITY Canada's Capital University | Sexual interest in children is an important cause of child sexual abuse. It distinguishes: Child molesters from nonmolesters Persistent child molesters from child molesters who desist after conviction (Hanson & Morton-Bourgon, 2004, 2005; Seto, Lalumière, & Kuban, 1999) Current methods are penile plethysmography (PPG) and self-report measures Recent studies suggest that the IAT may be a useful complement to currently used measures of sexual interest |

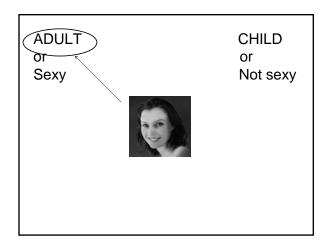
| | IAT Modified to Assess Sexual Interest in Children | | | | | | |
|-----------------------------|--|--|------------|------------------------|-------------|--|--|
| | Study | Groups | Total N | Cohen's d (95 % CI) | Power | | |
| | Mihailides et al. (2004) | 4 groups (25 child molesters, 25 nonsex offenders, 25 female university students, and 25 male university students) | 100 | 0.63 (0.23-1.03) | .59 | | |
| | Gray et al. (2005) | | 78 | 0.84 (0.29-1.38) | .86 | | |
| | Nunes et al. (2007) | 2 groups (27 child molesters and 29 nonsex offenders) | 56 | 0.66 (0.12-1.19) | .68 | | |
| Canada's Capital University | Brown et al. (2008) | 3 groups (54 child molesters with victims under the age of 12, 21 child molesters with victims between the age of 12 to 14, and 49 nonsex offenders) | 124 | 0.92 (0.51-1.33) | .99 | | |
| | | orted Cohen's <i>d</i> effect sizes are x offenders. CI: Confidence Inte | | en child mole | esters 4 | | |

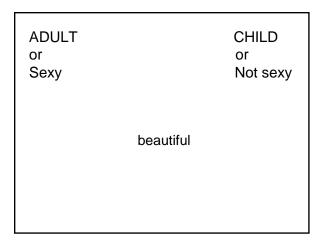
| | Cumulative Meta-Analysis A large mean effect size was found (d = 0.76, 95% Cl= 0.54-0.99) | |
|---|--|--|
| | Findings were consistent across the four studies, Q = 1.21, p < .05 | |
| Carleton UNIVERSITY Canada's Capital University | I | |
| | | |

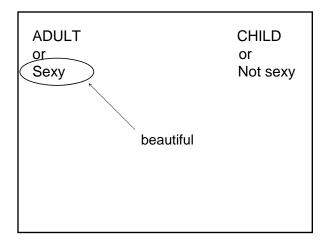


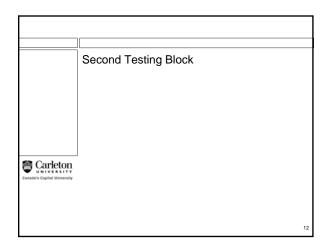


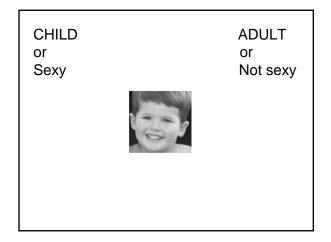


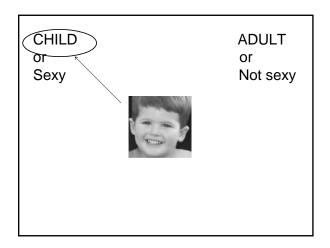




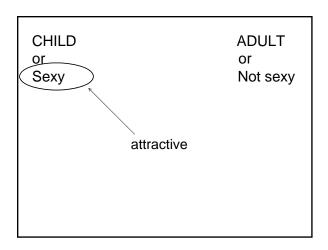








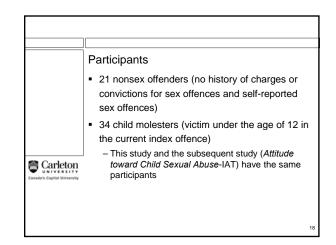
CHILD ADULT or Sexy Not sexy

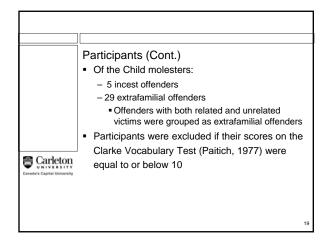


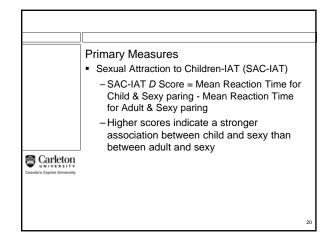
Main Hypotheses

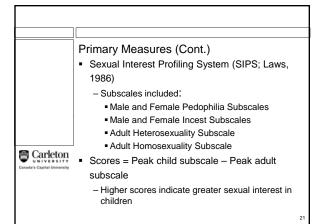
1) Child molesters were expected to have greater sexual interest in children, as assessed by the SAC-IAT, than nonsex offenders

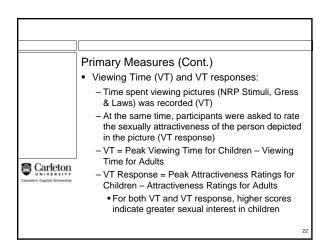
2) It was predicted that the SAC-IAT would be associated with other measures of sexual interest associated with other measures of sexual interest higher scores on the SAC-IAT would be associated with greater risk of sexual recidivism as assessed by validated risk assessment instruments

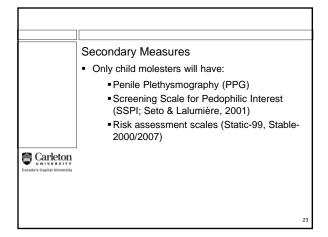


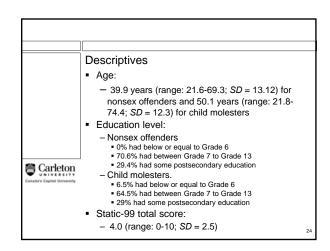






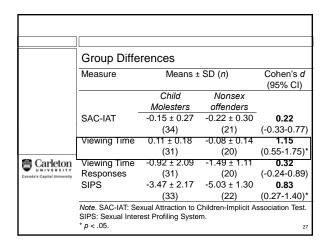


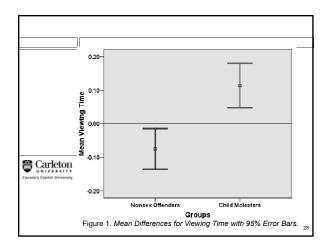




| |)[| | | |
|-----------------------------|---|------------------------------|------------------|------------------|
| | Group Diffe | rences | | |
| | Measure | Cohen's <i>d</i> (95% CI) | | |
| | | Child Molesters | Nonsex offenders | |
| | SAC-IAT | | -0.22 ± 0.30 | 0.22 |
| | | (34) | (21) | (-0.33-0.77) |
| | Viewing Time | 0.11 ± 0.18 | -0.08 ± 0.14 | 1.15 |
| | | (31) | (20) | (0.55-1.75)* |
| Carleton | Viewing Time | -0.92 ± 2.09 | -1.49 ± 1.11 | 0.32 |
| Canada's Capital University | Responses | (31) | (20) | (-0.24-0.89) |
| | SIPS | -3.47 ± 2.17 | -5.03 ± 1.30 | 0.83 |
| | | (33) | (22) | (0.27-1.40)* |
| | Note. SAC-IAT: Se SIPS: Sexual Inter | | | ssociation Test. |
| | * p < .05. | · · · · · · · · · · · · · | •••• | 25 |

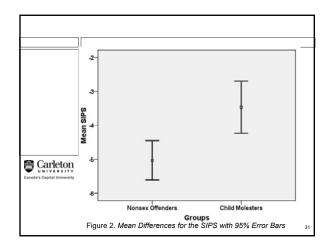
| | Group Diffe | rences | | |
|---|--|----------------------|--------------------------------------|------------------------------|
| | Measure | Means ± | : SD (n) | Cohen's <i>d</i> (95% CI) |
| | | Child Molesters | Nonsex offenders | |
| | SAC-IAT | -0.15 ± 0.27 (34) | -0.22 ± 0.30 (21) | 0.22 (-0.33-0.77) |
| | Viewing Time | 0.11 ± 0.18 (31) | -0.08 ± 0.14 (20) | 1.15 (0.55-1.75)* |
| Carleton UNIVERSITY Canada's Capital University | Viewing Time Responses SIPS | (31) | -1.49 ± 1.11 (20) -5.03 ± 1.30 | 0.32 (-0.24-0.89) 0.83 |
| | 311 3 | (33) | (22) | (0.27-1.40)* |
| | Note. SAC-IAT: Se. SIPS: Sexual Interes | | | |
| | * p < .05. | | | 26 |

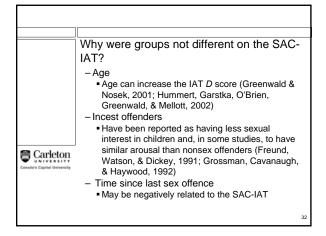




| | Group Diffe | rences | | |
|----------|---|---------------------------|----------------------|--------------------------|
| | Measure | Cohen's <i>d</i> (95% CI) | | |
| | | Child Molesters | Nonsex offenders | |
| | SAC-IAT | -0.15 ± 0.27 (34) | -0.22 ± 0.30 (21) | 0.22 (-0.33-0.77) |
| | Viewing Time | 0.11 ± 0.18 (31) | -0.08 ± 0.14 (20) | 1.15 (0.55-1.75)* |
| Carleton | Viewing Time Responses | -0.92 ± 2.09 (31) | -1.49 ± 1.11 (20) | 0.32 (-0.24-0.89) |
| | SIPS | -3.47 ± 2.17 (33) | -5.03 ± 1.30 (22) | 0.83 (0.27-1.40)* |
| | Note. SAC-IAT: Se SIPS: Sexual Inter * p < .05. | | | ssociation Test. |

| | Group Diffe | rences | | | | | |
|-----------------------------|---|---------------------------|---------------------|--------------|--|--|--|
| | Measure | Cohen's <i>d</i> (95% CI) | | | | | |
| | | Child Molesters | Nonsex offenders | | | | |
| | SAC-IAT | | -0.22 ± 0.30 | 0.22 | | | |
| | | (34) | (21) | (-0.33-0.77) | | | |
| | Viewing Time | 0.11 ± 0.18 | | 1.15 | | | |
| | | (31) | (20) | (0.55-1.75)* | | | |
| Carleton | Viewing Time | -0.92 ± 2.09 | -1.49 ± 1.11 | 0.32 | | | |
| Canada's Capital University | Responses | (31) | (20) | (-0.24-0.89) | | | |
| | SIPS | -3.47 ± 2.17 | -5.03 ± 1.30 | 0.83 | | | |
| | | (33) | (22) | (0.27-1.40)* | | | |
| | Note. SAC-IAT: Sexual Attraction to Children-Implicit Association 7 SIPS: Sexual Interest Profiling System. | | | | | | |
| | * p < .05. | zzz z zzm.ng Cyclo | **** | 30 | | | |





- Gender Preference

■ IAT D is calculated using the mean reaction time of both genders

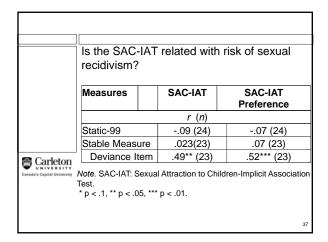
■ We computed two SAC-IAT score, one using only female pictures (SAC-IAT Hale) and one with only male picture (SAC-IAT Male) and collapse the three SAC-IAT into one variable depending on offender sexual orientation

■ The SAC-IAT taking sexual preference into consideration did not distinguish between groups, F(1,54) = .26, p = .61, Cohen's d = 0.14 (-.40-.69)

| | Does the SAI measures of | | | | |
|-----------------------------|--------------------------|-------------|--|--|--|
| | Measures | SAC-IAT | SAC-IAT Preference | | |
| | r (n) | | | | |
| | SAC-IAT | - | - | | |
| | SAC-IAT Preference | .96*** (56) | - | | |
| | SIPS | .26** (55) | .23* (55) | | |
| Carleton | VT | .33** (52) | .31** (52) | | |
| Canada's Capital University | VT Response | .24* (52) | .24* (52) | | |
| | SSPI | 09 (34) | 08 (34) | | |
| | PPG | .32 (19) | .43* (19) | | |
| | | | ociation Test. SIPS: Sexual Interest de for Pedophilic Interests. PPG: Penile 34 | | |

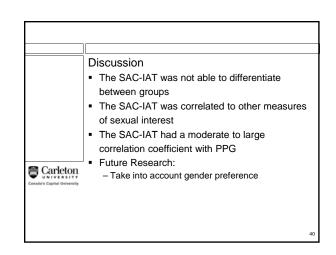
Does the SAC-IAT relate with other measures of sexual interest? Measures SAC-IAT SAC-IAT Preference SAC-IAT SAC-IAT .96*** (56) Preference SIPS .26** (55) .23* (55) Carleton VT .33** (52) .31** (52) .24* (52) VT Response .24* (52) SSPI -.09 (34) -.08 (34) .32 (19) .43* (19)

| | 1 | | | | | |
|-----------------------------|---|-------------|---|--|--|--|
| | Does the SAC-IAT relate with other measures of sexual interest? | | | | | |
| | Measures | SAC-IAT | SAC-IAT Preference | | | |
| | ' | r (n) | | | | |
| | SAC-IAT | - | - | | | |
| | SAC-IAT | .96*** (56) | - | | | |
| | Preference | | | | | |
| | SIPS | .26** (55) | .23* (55) | | | |
| Carleton | VT | .33** (52) | .31** (52) | | | |
| Canada's Capital University | VT Response | .24* (52) | .24* (52) | | | |
| | SSPI | 09 (34) | 08 (34) | | | |
| | PPG | .32 (19) | .43* (19) | | | |
| | | | ociation Test. SIPS: Sexual Interest e for Pedophilic Interests. PPG: Penile 36 | | | |



| | Is the SAC-IAT related with risk of sexual recidivism? | | | | | | |
|--|--|-----|------------|-------------------------|--|--|--|
| | Measures | | SAC-IAT | SAC-IAT Preference | | | |
| | | | r (n) | | | | |
| | Static-99 | | 09 (24) | 07 (24) | | | |
| | Stable Measure | | .023(23) | .07 (23) | | | |
| Carleton | Deviance I | tem | .49** (23) | .52*** (23) | | | |
| UNIVERSITY Canada's Capital University | Note. SAC-IAT: S Test. * p < .1, ** p < .0 | | | ldren-Implicit Associat | | | |

| | Is the SAC-IAT recidivism? | related with | ris | k of sexual | | | | |
|----------|----------------------------|--------------|-----|-----------------------|----|--|--|--|
| | Measures | SAC-IAT | | SAC-IAT Preference | | | | |
| | Static-99 | r (n) | | 07 (24) | | | | |
| | Stable Measure | .023(23) | | .07 (24) | | | | |
| Carleton | Deviance Item | .49** (23) | | .52*** (23) | | | | |
| | Carleton | | | | | | | |
| | | | | | 35 | | | |



Discussion (Cont.)

■ Cumulative Meta-Analysis:

— Compared with previous findings, the association between SAC-IAT and group membership was not statistically different in our study (Q∆ = 3.27, p > .05)

— New cumulative mean effect size: d = 0.68 (95% CI: 0.47-0.89)

— When the increase in variability (Q∆ = 3.27) was added to the old variability (Qold = 1.21), the total variability was no more than would be expected by chance (Qnew = 4.48, p < .05)